TANK WASH WORK ORDER

PO #	Customer:				Date:	
	()				7/1/	
Tractor	Address:				Time:	
Trailer / Container Number	Dropped By:	The second secon			Need By:	
CONTAINER TYPE:	TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER C	DRY BULK	
TANK TRAILER	ROLL TARP B	OX VACUUM BOX	FRAC TANK	POLY TAN	K 🔲 VACU	JUM TRUCK
Compartment #	Las	t Contained	Heel - Hazardous	Heel - Non-Haz	Drum /	Rolloff
1 N/W Sala						
2						
3						
4						
5						
CLEANING CODES		WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry			Oxygen (19.5% -23.5	%) # <i>120</i> #2	#3#4	#5
2 Quick Rinse			LEL (<10%)	#1/ #2	#3 #4	#5
3 Cold Water Rinse			CO ² (<35 ppm)	#1#2	#3#4	#5
4 Hot Water Rinse			Toxic Vapor	#1 #2	#3 #4	#5
5 Steam Only (Per Hour)			Signature:			
6 Steam & Dry			Stripper Usage:			
7 Rinse, Steam & Dry				· · · · · · · · · · · · · · · · · · ·		
8 Detergent Wash, Rinse	& Dry		Comments:			
9 Caustic Wash & Dry						
10 Caustic Wash, Rinse 8						
11 Waste Water Surcharg		·				
12 Solvent Wash (Diesel		•		•		
13 Solvent Wash (Strippe	r)		· · ·			
14 Exterior Tractor Wash						
15 Exterior Trailer Wash (•		
16 Exterior Trailer Wash (Authorized Addit	ional Consissor		
17 Exterior Acid Brite Was			Authorized Addit	ional Services:		-
18 Hand Labor (# Men / #						
19 Hydroblaster (# Hours)						
20 Solvent Wash (Green	Stripper)				<u> </u>	-
21 Passivation						
Hose Cleaning		•	CES Environmental Serv	ices, Inc., Cleaning Division	makes no quarantees w	rith respect to the
Pump Cleaning Cleaned By:			moisture. Final inspection of release CES Environmental from any allegations that CES Environmental S	Services, Inc., Cleaning Divi t the equipment was impropo- ervices, Inc., Cleaning Divisi	esponsibility of the custo sion, from any responsib erly cleaned, resulting in ion, is in no manner resp	mer, and they hereby ility for claims ansing damage or loss. onsible for any
Inspected By:		Date		or losses of equipment and/o		uu.
			Print Name:		Date	
			Signature:			

TANK WASH WORK ORDER

PO#	Customer:			Date:
Tractor	Address:	;	· · · · · · · · · · · · · · · · · · ·	Time:
Trailer / Container Number	Dropped By:			Need By:
CONTAINER TYPE:	TOTE BIN ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK
☐ TANK TRAILER ☐	ROLL TARP BOX VACUUM BOX	FRAC TANK	POLY TAN	K VACUUM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 / 1				
2				A
3				
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.5	%) #1227 #2	#3#4#5
2 Quick Rinse		LEL (<10%)	#1 #2	#3 #4 #5
3 Cold Water Rinse		CO ² (<35 ppm)	#1	
4 Hot Water Rinse		Toxic Vapor	#1 #2	#3 #4 #5
5 Steam Only (Per Hour)		Signature:		
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry				· ·
8 Detergent Wash, Rinse 8	& Dry	Comments:		
9 Caustic Wash & Dry				
10 Caustic Wash, Rinse &				
11 Waste Water Surcharge				
12 Solvent Wash (Diesel #				
13 Solvent Wash (Stripper	r)			
14 Exterior Tractor Wash				
15 Exterior Trailer Wash (v		_		من المعتب
16 Exterior Trailer Wash (v				
17 Exterior Acid Brite Was		Authorized Addit	ionai Services: 	
18 Hand Labor (# Men / #				
19 Hydroblaster (# Hours)	<u></u>			•
20 Solvent Wash (Green S	Stripper)		·	
21 Passivation				
Hose Cleaning		CEC Emission antal Can	iana Ina Chamina Phinina	makes as a remarker with respect to the
Pump Cleaning	Date Date	thoroughness of the tand moisture. Final inspection of release CES Environmental from any allegations that	k washing procedure or the t the equipment remains the r Services, Inc., Cleaning Divi t the equipment was improp	, makes no guarantees with respect to the otal elimination of interior residues and/or esponsibility of the customer, and they hen ision, from any responsibility for claims aris erly cleaned, resulting in damage or loss.
Cleaned By:	Date Note 1	CES Environmental S damages	ervices, Inc., Cleaning Division losses of equipment and/o	ion, is in no manner responsible for any or materials left in their yard.
Inspected By:	Date	Print Name:		Date
	facts.	Signature:		1

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

					1
i	Customer:			Date:	~ 0
68823	CES			07-13	-07
Tractor 2.81	Address:			Time:	
Trailer / Container Number 223	Propped By: Rob. Hickman			Need By:	4
	OTE BIN ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK	
	ROLL TARP BOX VACUUM BOX	FRAC TANK	POLY TAN		UM TRUCK
Compartment #	Last Contained	Heel - Hazardous		Drum / F	
		Tieer - Flazardous	11001 - 14011-1102	Diditi/1	TOIIOII
1 Keg. Waster	Jarer		ni i		· .
3					
	,				
5					
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry	WOTHER CHARLES	O (40 EN/ 00 E)			#5
2 Quick Rinse		Oxygen (19.5% -23.5° LEL (<10%)	%) #1 <u>/ </u>		
3 Cold Water Rinse		CO ² (<35 ppm)	#1#2	#3 #4 #3 #4	#5 #5
4 Hot Water Rinse		Toxic Vapor	#1 #2	#3 #4	#5
5 Steam Only (Per Hour)		Signature:	3F		
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse &	Dry	Comments:			4
9 Caustic Wash & Dry		1			
10 Caustic Wash, Rinse & D)rv				
11 Waste Water Surcharge					
12 Solvent Wash (Diesel # H	lours)				
13 Solvent Wash (Stripper)					
14 Exterior Tractor Wash					•
15 Exterior Trailer Wash (w/d	o Internal)				
16 Exterior Trailer Wash (wit					
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:		
18 Hand Labor (# Men / # H	ours)		· · · · · · · · · · · · · · · · · · ·		
19 Hydroblaster (# Hours)			*************************************		·. · · · · ·
20 Solvent Wash (Green Str	ipper)			-	
21 Passivation					
Hose Cleaning					
Pump Cleaning		CES Environmental Servitoroughness of the tank	rices, Inc., Cleaning Division k washing procedure or the t	, makes no guarantees wi	th respect to the residues and/or
Cleaned By:	Date_7-13 9	moisture. Final inspection of release CES Environmental from any allegations that CES Environmental S	the equipment remains the r Services, Inc., Cleaning Divis t the equipment was improprientics, Inc., Cleaning Divis or losses of equipment and/o	esponsibility of the custon ision, from any responsibil arty cleaned, resulting in d ion, is in no manner respo	ner, and they hereb ity for claims arising lamage or loss. Insible for any
Inspected By:	Date	Print Name:		Date	
		Signature:			

TANK WASH WORK ORDER

PO # Custor	ner: CES / K	Ginder Mc	rgan	Date: 4-15-09
Tractor Addres				Time:
Trailer / Container Number Droppo	ed By: Bobby Rodn	guez-		Need By:
CONTAINER TYPE: TOTE BI	ROLL DOOR BOX	ISO CONT	AINER D	DRY BULK K VACUUM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1			1 .	
2 Class 1 9	oludge.			
3	9			
4			:	
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.59	%) #1 <u>/ </u>	#3#4#5
2 Quick Rinse		LEL (<10%)	#1 #2	_ #3 #4 #5
3 Cold Water Rinse		CO ² (<35 ppm)	#1#2	#3#4#5
4 Hot Water Rinse		Toxic Vapor	#== #2	#3 #4 #5
5 Steam Only (Per Hour)		Signature:		
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse & Dry		Comments:		
9 Caustic Wash & Dry				
10 Caustic Wash, Rinse & Dry				
11 Waste Water Surcharge				
12 Solvent Wash (Diesel # Hours)				
13 Solvent Wash (Stripper)				
14 Exterior Tractor Wash				
15 Exterior Trailer Wash (w/o Interior	nal)			and the second s
16 Exterior Trailer Wash (with Inter	nal)			
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:	
18 Hand Labor (# Men / # Hours)				
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green Stripper)				
21 Passivation				
Hose Cleaning				
Pump Cleaning	-12/2	thoroughness of the tand moisture. Final inspection of release CES Environmental	washing procedure or the to the equipment remains the n Services, Inc., Cleaning Divis	makes no guarantees with respect to the otal elimination of interior residues and/or asponsibility of the customer, and they have sion, from any responsibility for claims arisi triy cleaned, resulting in damage or loss.
Cleaned By:	Date 7 / 12/07			on, is in no manner responsible for any reaterials left in their yard.
Inspected By:	Date	Print Name:		Date
		Signature:		

Environmental Services

tainer / Tank Cleaning Division

904 Griggs Rd. • Houston, TX 77021

Phone: (713) 676-1460 • Fax: (713) 676-1676

PO # Customer:	Ces			Date: 07-1.	3 00
Trootor					J. U 4
Tractor 298 Address:				Time:	
Trailer / Container Number Dropped E	ROIANDO M	ORAles		Need By:	
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT		DRY BULK	
☐ TANK TRAILER ☐ ROLL TAR	_	☐ FRAC TANK	POLY TAN		UUM TRUCK
	Last Contained	Heel - Hazardous		,	/ Rolloff
1 /	Veste Weter				
2		1			
3	<u> </u>				
4					
5					
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry		Oxygen (19.5% -23.5	%) #1 #2	#3 #4_	#5
2 Quick Rinse		LEL (<10%)	#1#2		#5
3 Cold Water Rinse		CO ² (<35 ppm)			#5
4 Hot Water Rinse		Toxic Vapor	#1 #2	#3 #4_	#5
5 Steam Only (Per Hour)	- Advanta	Signature:			
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry	/			· .	· · · · · · · · · · · · · · · · · · ·
8 Detergent Wash, Rinse & Dry		Comments:			
9 Caustic Wash & Dry		_			
10 Caustic Wash, Rinse & Dry					
11 Waste Water Surcharge				4	
12 Solvent Wash (Diesel # Hours)					
13 Solvent Wash (Stripper)					
14 Exterior Tractor Wash15 Exterior Trailer Wash (w/o Internal)					
16 Exterior Trailer Wash (with Internal)		- .			
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:	· · · · · · · · · · · · · · · · · · ·	
18 Hand Labor (# Men / # Hours)					
19 Hydroblaster (# Hours)			·		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
20 Solvent Wash (Green Stripper)				· · · · · · · · · · · · · · · · · · ·	· .
21 Passivation			*	*************************************	
Hose Cleaning					
Pump Cleaning		CES Environmental Servithers unthress of the ten	rices, Inc., Cleaning Division k washing procedure or the	n, makes no guarantees	with respect to the
		moisture. Final inspection of release CES Environmental	the equipment remains the	responsibility of the cus vision, from any respons	stomer, and they hereb sibility for claims arisin
Cleaned By:	Date 7 - 13 - 0 9	CES Environmental S	ervices, Inc., Cleaning Divisor losses of equipment and/	sion, is in no manner re	sponsible for any yard.
Oldanou By.	· · · · · · · · · · · · · · · · · · ·	variages (

CES Environmental Services Container / Tank Cleaning Division

TANK WASH WORK ORDER

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676

PO # Cus	tomer:			Date: 7-15 9
Tractor Add	ress:			Time:
Trailer / Container Number Drop	pped By:			Need By:
CONTAINER TYPE: TOTE	BIN ROLL DOOR BOX	☐ ISO CONT.☐ FRAC TANK	AINER C	DRY BULK K VACUUM TRUCK
Compartment #	Last Contained	Heel - Hazardous		T
1W.1 101+01			·	
2				
3			· ·	
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY I	PERMIT
1 Air Dry		Oxygen (19.5% -23.5		#3 #4 #5
2 Quick Rinse		LEL (<10%)	#1 2 #2	#3#4#5
3 Cold Water Rinse	the state of the s	CO ² (<35 ppm)	#1 0 #2	#3 #4 #5
4 Hot Water Rinse		Toxic Vapor	#1 2 #2	#3 #4 #5
5 Steam Only (Per Hour)		Signature:	JE	
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry		┪		
8 Detergent Wash, Rinse & Dry		Comments:		
9 Caustic Wash & Dry				
10 Caustic Wash, Rinse & Dry				
11 Waste Water Surcharge				
12 Solvent Wash (Diesel # Hour	rs)	1		
13 Solvent Wash (Stripper)		7		
14 Exterior Tractor Wash		7	•	
15 Exterior Trailer Wash (w/o Int	ternal)			
16 Exterior Trailer Wash (with In	iternal)			
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:	
18 Hand Labor (# Men / # Hours	s)			
19 Hydroblaster (# Hours)	:			
20 Solvent Wash (Green Strippe	er)			
21 Passivation				
Hose Cleaning				
Pump Cleaning	7-15-9	thoroughness of the tank moisture. Final inspection of release CES Environmental	washing procedure or the to the equipment remains the re Services, Inc., Cleaning Divi	makes no guarantees with respect to the otal elimination of interior residues and/or esponsibility of the customer, and they hereb sion, from any responsibility for claims arising only cleaned, resulting in damage or loss.
Cleaned By:	Date	CES Environmental S damages o	ervices, Inc., Cleaning Divisi or losses of equipment and/o	on, is in no manner responsible for any r materials left in their yard.
Inspected By:	Date	Print Name:		Date
		Signature:		

TANK WASH WORK ORDER

PO #	Customer:			Date:	
REC	CES			7-15-0	9
Tractor	Address:	· · · · · · · · · · · · · · · · · · ·		Time:	
	4904 GRiggs	·		3.49	P.M.
Trailer / Container Number	Dropped By:			Need By:	*
213 40				TODAY	
CONTAINER TYPE:	TOTE BIN ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK	*
TANK TRAILER	ROLL TARP BOX VACUUM BOX	FRAC TANK	POLY TAN	K 🔲 VACUU	M TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / R	olloff
1	Base Oil				
2					
3					
4					
5					
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry		Oxygen (19.5% -23.5	%) #1) #2	#3 #4	#5
2 Quick Rinse		LEL (<10%)	#1_\(\)#2	#3#4	#5
3 Cold Water Rinse		CO ² (<35 ppm)	*1 <u> </u>	#3#4 <u>_</u>	#5
4 Hot Water Rinse		Toxic Vapor	#1#2	#3#4	#5
5 Steam Only (Per Hour)		Signature:) <i>L</i>	•	
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse	& Dry	Comments:			
9 Caustic Wash & Dry			1		
10 Caustic Wash, Rinse 8	& Dry	Nee	9 100	OUT	
11 Waste Water Surcharg	je /			<u> </u>	
12 Solvent Wash (Diesel	# Hours)	· • • • •	d ToN	Sp.M.	•
13 Solvent Wash (Strippe	or)		in the second second	,	
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (w/o Internal)				
16 Exterior Trailer Wash (with Internal)				
17 Exterior Acid Brite Wa	sh	Authorized Addit	ional Services:		
18 Hand Labor (# Men / i	# Hours)				
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green	Stripper)				
21 Passivation					
Hose Cleaning					
Pump Cleaning		thoroughness of the tan	rices, Inc., Cleaning Division k washing procedure or the t	otal elimination of interior re	esidues and/or
.		moisture. Final inspection of release CES Environmental from any allegations that	the equipment remains the r Services, Inc., Cleaning Divi	esponsibility of the custome sion, from any responsibility	er, and they herel y for claims arisin
Cleaned By:	Date /- \	CES Environmental S	ervices, Inc., Cleaning Divisi	on, is in no manner respons	sible for any
		damages	or losses of equipment and/o	r materials left in their yard.	<u> </u>
Inspected By:	Date	Print Name:		Date	
					

≠nvironmental Services

.airer / Tank Cleaning Division .904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676

PO #	Customer:	Date/
	LES	$\left \frac{1}{2} \right / 2 \cdot / 2 \cdot 1$
Tractor	Address:	Time:
Trailer / Container Number	Dropped By:	Need By:
200		
CONTAINER TYPE:	TOTE BIN ROLL DOOR BOX	☐ ISO CONTAINER ☐ DRY BULK
TANK TRAILER [ROLL TARP BOX VACUUM BOX	
Compartment #	Last Contained	Heel - Hazardous Heel - Non-Haz Drum / Rolloff
1 Alaz Wager		A Liverina
2	1	
3	The Of My	
4		
5		
CLEANING CODES	WORK PERFORMED	TANK ENTRY PERMIT
1 Air Dry		Oxygen (19.5% -23.5%) #1 #2 #3 #4 #5_
2 Quick Rinse		LEL (<10%) #1#2#3#4#5_
3 Cold Water Rinse		CO ² (<35 ppm) #1 #2 #3 #4 #5_
4 Hot Water Rinse		Toxic Vapor #1#2#3#4#5_
5 Steam Only (Per Hour)		Signature:
6 Steam & Dry		Stripper Usage:
7 Rinse, Steam & Dry		
8 Detergent Wash, Rinse	& Dry	Comments:
9 Caustic Wash & Dry		mw# 00345 2160)
10 Caustic Wash, Rinse &	، Dry	MWH 00345 x160)
11 Waste Water Surcharge	e /	
12 Solvent Wash (Diesel #		La Company of the Com
13 Solvent Wash (Stripper)	
14 Exterior Tractor Wash		The Comment
15 Exterior Trailer Wash (v	w/o Internal)	
16 Exterior Trailer Wash (v	· · · · · · · · · · · · · · · · · · ·	
17 Exterior Acid Brite Was	;h	Authorized Additional Services:
18 Hand Labor (# Men / #	Hours)	
19 Hydroblaster (# Hours)		
20 Solvent Wash (Green S	Stripper)	
21 Passivation		
Hose Cleaning		
Pump Cleaning		CES Environmental Services, Inc., Cleaning Division, makes no guarantees with respect thoroughness of the tank washing procedure or the total elimination of interior residues a moisture. Final inspection of the equipment remains the responsibility of the customer, and the release CES Environmental Services, Inc., Cleaning Division, from any responsibility for claim from any altegations that the equipment was improperly cleaned, resulting in damage or
Cleaned By:	A.14. Date 7-21-0	
Inspected By:	Date	Print Name:Date
		Tink NameDate
		Signature:

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

<u></u>				<u> </u>	
PO# (Customer: 4	-S Environ	mental		Date: 7/22/09
Tractor	Address:				Time: 1530
Trailer / Container Number	Dropped By:	Sovier			Need By:
CONTAINER TYPE: TO	OTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK
X TANK TRAILER	ROLL TARP BO	X VACUUM BOX	☐ FRAC TANK	POLY TAN	K VACUUM TRUCK
Compartment #		Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
	Mur- Rec				
2	True KE	vesta Oi			
3	:			-	
4					
5					
CLEANING CODES		WORK PERFORMED		TANK ENTRY I	PERMIT
1 Air Dry			Oxygen (10 5% -22 5%		
2 Quick Rinse			LEL (<10%)	#1_1 #2 A	1 #3/2// #4 #5 _ #3_0 #4 #5 _ #3_0 #4 #5
3 Cold Water Rinse	·		CO ² (<35 ppm)	#1 12 #2 0	#3_2 #4#5
4 Hot Water Rinse			Toxic Vapor	#1#2	
5 Steam Only (Per Hour)			Signature:	,	
6 Steam & Dry	2		Stripper Usage:		
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse &	Dry 🗸		Comments:	1	<i>f</i>
9 Caustic Wash & Dry				lean	
10 Caustic Wash, Rinse & [Ory			CAN OF	John Committee C
11 Waste Water Surcharge			<u> </u>		V V
12 Solvent Wash (Diesel # I	Hours)				
13 Solvent Wash (Stripper)					
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (w/		<u> </u>			
16 Exterior Trailer Wash (wi		· · · · · · · · · · · · · · · · · · ·			
17 Exterior Acid Brite Wash		· · · · · · · · · · · · · · · · · · ·	Authorized Addit	ional Services:	· · · · · · · · · · · · · · · · · · ·
18 Hand Labor (# Men / # h	tours)				, , , , , , , , , , , , , , , , , , ,
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green St	ripper)				
21 Passivation					
Hose Cleaning			CES Environmental Serv	ices. Inc., Cleaning Division.	makes no guarantees with respect to the
Pump Cleaning	0		thoroughness of the tank moisture. Final inspection of release CES Environmental	k washing procedure or the ti the equipment remains the n Services, Inc., Cleaning Divi	otal elimination of interior residues and/or esponsibility of the customer, and they here sion, from any responsibility for claims arisin any cleaned, resulting in damage or loss.
Cleaned By:	<u> </u>	_ Date 7-12-09	CES Environmental S damages of	ervices, Inc., Cleaning Division losses of equipment and/o	on, is in no manner responsible for any rmaterials left in their yard.
Inspected By:		Date	Print Name:		Date
				· · · · · · · · · · · · · · · · · · ·	
			Signature:		· · · · · · · · · · · · · · · · · · ·

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO # Custo	omer: / I (E	1 1		Date:
-	(t) Environ	martal		1122102
Tractor Addre	ess:			Time: 1530
Trailer / Container Number Dropp	ped By:			Need By:
CONTAINER TYPE: TOTE		☐ ISO CONT	AINER C	DRY BULK
	L TARP BOX	☐ FRAC TANK	POLY TAN	_
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 Non - Sot /N	bo- Kosy a ted Oil			
2				
3				
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.59	%) #12 -#20 c	,#3/2
2 Quick Rinse		LEL (<10%)	#1	#3#4#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1#2	_ #3 #4 #5
4 Hot Water Rinse		Toxic Vapor	, #1#2#2	#3#4#5
5 Steam Only (Per Hour)		Signature 1	<i></i>	
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse & Dry		Comments:	ţ	7
9 Caustic Wash & Dry			17/04 4	
10 Caustic Wash, Rinse & Dry		هم ا	TAN DE	and the second s
11 Waste Water Surcharge	/			ing in the second of the seco
12 Solvent Wash (Diesel # Hours))	1		
13 Solvent Wash (Stripper)				
14 Exterior Tractor Wash				
15 Exterior Trailer Wash (w/o Inter	rnal)			
16 Exterior Trailer Wash (with Inte	rnal)			
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:	
18 Hand Labor (# Men / # Hours)				
19 Hydroblaster (# Hours)			*	
20 Solvent Wash (Green Stripper				
21 Passivation				
Hose Cleaning				
Pump Cleaning		CES Environmental Servithoroughness of the tank	ices, Inc., Cleaning Division, washing procedure or the to	makes no guarantees with respect to the otal elimination of interior residues and/or
Cleaned By:	Date 7:02 09	moisture. Final inspection of release CES Environmental from any allegations that CES Environmental S	the equipment remains the re Services, Inc., Cleaning Divi the equipment was imprope	esponsibility of the customer, and they hereby sion, from any responsibility for claims arising orly cleaned, resulting in damage or loss. on, is in no manner responsible for any
Inspected By:	Date	Print Name:		Date
· · · · · · · · · · · · · · · · · · ·		Signature:		

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676

TANK WASH WORK ORDER

PO #	Customer:			Date:
89135	CES			07-21-09
Tractor 290	Address:			Time:
Trailer / Container Number V - / S 3	Dropped By: Rob. Hickman			Need By:
CONTAINER TYPE:		☐ ISO CONT	AINER [DRY BULK
_	POLL TARP BOX ACUUM BOX	☐ FRAC TANK	POLY TAN	_
Compartment #	Last Contained	Heel - Hazardous		Drum / Rolloff
1 wastes	ludge			
2				
3				
4			•	
5				5. Sec.
CLEANING CODES	WORK PERFORMED		TANK ENTRY I	PERMIT
1 Air Dry		Oxygen (19.5% -23.59	6) #19 (#2	#3#5
2 Quick Rinse		LEL (<10%)	#1_0_#2	#3#4#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1_0_#2	#3 #4 #5 #3 #4 #5 #3 #4 #5 #3 #4 #5
4 Hot Water Rinse		Toxic Vapor	#1#2	_ #3 #4 #5
5 Steam Only (Per Hour)		Signature:	1	
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse	& Dry	Comments: 3/4	. urd. He	el left
9 Caustic Wash & Dry]		
10 Caustic Wash, Rinse &	Dry		1	
11 Waste Water Surcharge	9] / .	Careb.	
12 Solvent Wash (Diesel #	Hours)	$\mathbf{J} = \mathbf{Z} \times 0$	(400)	
13 Solvent Wash (Stripper)			
14 Exterior Tractor Wash			Diff	MAN
15 Exterior Trailer Wash (v	v/o Internal)			Strain
16 Exterior Trailer Wash (v	with Internal)			
17 Exterior Acid Brite Was	sh	Authorized Addit	ional Services:	
18 Hand Labor (# Men / #	Hours)		Management and the same of the	and the second s
19 Hydroblaster (# Hours)			The state of the s	
20 Solvent Wash (Green S	Stripper)			
21 Passivation				
Höse Cleaning				
Pump Cleaning		thoroughness of the tank moisture. Final inspection of release CES Environmental	washing procedure or the to the equipment remains the re Services, Inc., Cleaning Divi	makes no guarantees with respect to the otal elimination of interior residues and/or esponsibility of the customer, and they heret sion, from any responsibility for claims arisin the cleaned resulting in degrees or loss
Cleaned By: A 12	JR Date 7-27-09	CES Environmental S		only cleaned, resulting in damage or loss. on, is in no manner responsible for any rematerials left in their yard.
Inspected By:	Date	Print Name:		Date
		Signature:	·	

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO # Customer	CES Envil	connerte 1		Date: 7/23/09
Tractor Address:				Time: 1400
Trailer / Container Number Dropped	By: Sovies			Need By:
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK
☐ TANK TRAILER ☐ ROLL TA	RP BOX	☐ FRAC TANK	POLY TAN	K VACUUM TRUCH
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 Dily wat	61			
2				
3				
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY I	PERMIT
1 Air Dry		Oxygen (19.5% -23.5	%) #Ac. 1#2	#3#4#5
2 Quick Rinse		LEL (<10%)	#1 0 #2	#3 #4 #5
3 Cold Water Rinse		CO ² (<35 ppm)	#1	#3#4#5
4 Hot Water Rinse		Toxic Vapor	#1 <u>//</u> #2	#3#4#5
5 Steam Only (Per Hour)		Signature	7)	
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse & Dry		Comments:		•
9 Caustic Wash & Dry	V		leang	
10 Caustic Wash, Rinse & Dry			lean R	rd .
11 Waste Water Surcharge			// //	
12 Solvent Wash (Diesel # Hours)			11	√
13 Solvent Wash (Stripper)				
14 Exterior Tractor Wash		7		
15 Exterior Trailer Wash (w/o Internal)		\mathbf{J}	SPP	
16 Exterior Trailer Wash (with Internal)				·
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:	
18 Hand Labor (# Men / # Hours)				
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green Stripper)				
21 Passivation				
Hose Cleaning				
Pump Cleaning		CES Environmental Servithoroughness of the tank	rices, Inc., Cleaning Division, c washing procedure or the to	makes no guarantees with respect to the tall elimination of interior residues and/or
Cleaned By:	Date <u>7-23-09</u>	moisture. Final inspection of release CES Environmental from any allegations that CES Environmental S	the equipment remains the re Services, Inc., Cleaning Divic t the equipment was imprope	esponsibility of the customer, and they her sion, from any responsibility for claims aris orly cleaned, resulting in damage or loss. on, is in no manner responsible for any
			p	7 .

CES Environmental Services
Container / Tank Cleaning Division
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Phone: (713) 676-1460 • Fax: (713) 676-1676

PO #	Customer:	CES Envil	conner te 1		Date: 7/23/09		
Tractor	Address:				Time: 1400		
Trailer / Container Number	Dropped E	sovies	Need By:				
CONTAINER TYPE: T	OTE BIN	ROLL DOOR BOX	ISO CONT	AINER [DRY BULK		
☐ TANK TRAILER ☐	ROLL TAP	RP BOX	☐ FRAC TANK	POLY TAN	K VACUUM TRUCK		
Compartment #		Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff		
1 Oity	wet	of					
2							
3							
4							
5							
CLEANING CODES		WORK PERFORMED		TANK ENTRY	PERMIT		
1 Air Dry			Oxygen (19.5% -23.5	%) #1 20, 7 #2	#3 #4 #5		
2 Quick Rinse			LEL (<10%)	#1 #2	#3 #4 #5		
3 Cold Water Rinse		1.17	CO ² (<35 ppm)	#1 #2	#3 #4 #5 #3 #4 #5		
4 Hot Water Rinse			Toxic Vapor		#3 #4 #5		
5 Steam Only (Per Hour)		pp of the second	Signature	<u> </u>			
6 Steam & Dry			Stripper Usage:				
7 Rinse, Steam & Dry		/					
8 Detergent Wash, Rinse &	Dry 🗸		Comments:	}			
9 Caustic Wash & Dry		/	-	10.12			
10 Caustic Wash, Rinse & [Ory			war R			
11 Waste Water Surcharge		· · · · · · · · · · · · · · · · · · ·		lear g	•		
12 Solvent Wash (Diesel # I	Hours)		_		\forall		
13 Solvent Wash (Stripper)			-1 $n = 0$	~ · · · · · · · · · · · · · · · · · · ·	, and the second		
14 Exterior Tractor Wash	/- I-A1\		4 4				
15 Exterior Trailer Wash (w/			4				
16 Exterior Trailer Wash (wi			Authorized Addit	ional Services:			
17 Exterior Acid Brite Wash 18 Hand Labor (# Men / # H			Authorized Audit	Oliai Selvices. —			
19 Hydroblaster (# Hours)	iouis)		· · · · · · · · · · · · · · · · · · ·		<u> </u>		
20 Solvent Wash (Green St	rinner\						
21 Passivation	iippei)						
Hose Cleaning							
Pump Cleaning	*		CES Environmental Serv	ices, Inc., Cleaning Division	, makes no guarantees with respect to the		
	7	Date 20 00 000	moisture. Final inspection of release CES Environmental from any allegations that	the equipment remains the r Services, Inc., Cleaning Divi the equipment was improp	otal elimination of interior residues and/or esponsibility of the customer, and they hereby sion, from any responsibility for claims arising arry cleaned, resulting in damage or loss.		
Cleaned By:) /_	Date 7 3 - 0 9	Citra Environmental S damages o	ervices, Inc., Cleaning Division losses of equipment and/o	on, is in no manner responsible for any or materials left in their yard.		
Inspected By:		Date	Print Name:	ent/	Date_7/23/05		
			Signature:	·			

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
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Tractor Trailer / Container Number 7356 CONTAINER TYPE:	Address:	lvews		· ·		Date:	5-0	29
Trailer / Container Number 7356		ivews				10-1	5 - L	/ /
Trailer / Container Number 7356		en e			•	Time:	<u></u>	
7356	Dropped By					l lille.		
7356						Nood). <i></i>	-
	Diopped by	<i>/</i> .				Need I	Эγ.	
CONTAINER TYPE:						<u> </u>		· - · · · · · · · · · · · · · · · · · · ·
Zanuc = Dau = D				ISO CONTA	*	DRÝ E	_	IN TENIOR
	ROLL TAR		JW BOX	FRAC TANK	POLY TAN	T		JM TRUCK
Compartment #		ast Contained		Heel - Hazardous	Heel - Non-Haz		Drum / R	ΙΟΙΙΟΠ
1 Ke wash	· · ·							
2								
3		·				-		
4	· · · · · · · · · · · · · · · · · · ·	. · · · · · · · · · · · · · · · · · · ·					<u> </u>	
5								-
CLEANING CODES		WORK PERFOR	RMED		TANK ENTRY		• • • • • • • • • • • • • • • • • • • •	
1 Air Dry					%) #12 1 #2 #2		/ .	#5
2 Quick Rinse		· · · · · · · · · · · · · · · · · · ·		LEL (<10%)	#1 <u>0</u> #2		#4	
3 Cold Water Rinse				CO ² (<35 ppm)	#1 #2		#4	#5
4 Hot Water Rinse				Toxic Vapor	#1 <u>0</u> #2	#3	#4	#5
5 Steam Only (Per Hour)		4		Signature: 3				
6 Steam & Dry				Stripper Usage:		2		
7 Rinse, Steam & Dry						×		· · · · · · · · · · · · · · · · · · ·
8 Detergent Wash, Rinse	& Dry			Comments:		- 1; - 1		
9 Caustic Wash & Dry		<u>/</u>						**
10 Caustic Wash, Rinse 8								yeur P
11 Waste Water Surcharg								
12 Solvent Wash (Diesel	# Hours)	· · · · · · · · · · · · · · · · · · ·					•	
13 Solvent Wash (Strippe	r)							
14 Exterior Tractor Wash								
15 Exterior Trailer Wash (w/o Internal)		<u> </u>					
16 Exterior Trailer Wash (with Internal)							
17 Exterior Acid Brite Was	sh			Authorized Addit	ional Services: 			
18 Hand Labor (# Men / #	Hours)	·					e se est y	
19 Hydroblaster (# Hours))					_		
20 Solvent Wash (Green	Stripper)	<u> </u>						
21 Passivation		· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·		····	<u> </u>
Hose Cleaning					•			
Pump Cleaning				thoroughness of the tank	rices, Inc., Cleaning Division washing procedure or the	total eliminati	on of interior r	esidues and/or
Cleaned By:		Date 2-15	09		the equipment remains the Services, Inc., Cleaning Divi t the equipment was improp- ervices, Inc., Cleaning Divisor losses of equipment and/	ision, from an erly cleaned,	y responsibilit resulting in de	ty for claims arising amage or loss.
Inspected By:		Date		Print Name:			Date	

ontainer / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676 TANK WASH WORK ORDER

PO #	Customer:	01			Date:	(
		BaKt	R		6-24	.09
Tractor	Address:				Time:	
Trailer / Container Number	r Dropped B	y: 01)		Need By:	····
737950L	_	Mark	"善趣"	s.		
CONTAINER TYPE:	TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER D	DRY BULK	
	ROLL TAP	_	☐ FRAC TANK	POLY TAN		UM TRUCK
Compartment #		ast Contained	Heel - Hazardous		Drum / F	, ,
1 WATOR	100	Slory				rg e
2						8. N
3						
4				· · · · · · · · · · · · · · · · · · ·		4,
5	*					
CLEANING CODES		WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry			Oxygen (19.5% -23.59	%) #1200/ #2	#3#4	#5
2 Quick Rinse			LEL (<10%)	#1#2	*	
3 Cold Water Rinse			CO ² (<35 ppm) ^f	#1 #2	#3 #4	#5
4 Hot Water Rinse			Toxic Vapor	#1, #2	#3 #4	#5
5 Steam Only (Per Hour)			Signature:	<i>,</i>		
6 Steam & Dry		/ w.	Stripper Usage:			
7 Rinse, Steam & Dry						
8 Detergent Wash, Rinse	& Dry		Comments:			
9 Caustic Wash & Dry						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
10 Caustic Wash, Rinse 8						
11 Waste Water Surcharg			_			
12 Solvent Wash (Diesel		<u> </u>	_			.
13 Solvent Wash (Strippe	er)					
14 Exterior Tractor Wash						
15 Exterior Trailer Wash (4			
16 Exterior Trailer Wash (·	V				
17 Exterior Acid Brite Wa			Authorized Addit	ionai Services: —	***	
18 Hand Labor (# Men / i						
19 Hydroblaster (# Hours				<u> </u>		• • • • • • • • • • • • • • • • • • • •
20 Solvent Wash (Green	Stripper)			***:		
21 Passivation						
Hose Cleaning			CES Environmental Serv	ices Inc. Cleaning Division	makes no cuarantese wi	h receart to the
Pump Cleaning			moisture. Final inspection of release CES Environmental	ices, Inc., Cleaning Division, washing procedure or the to the equipment remains the r Services, Inc., Cleaning Divi tithe equipment was improper	esponsibility of the custon sion, from any responsibil	er, and they hereby ty for claims arising
Cleaned By:	CP	Date 6 - 15 0 9	CES Environmental S damages o	ervices, Inc., Cleaning Divisi or losses of equipment and/o	ion, is in no manner respo or materials left in their yan	nsible for any d.
Inspected By:		Date	Print Name:		Date	
			Signature:	**		

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TANK WASH WORK ORDER

PO # Cus	stomer:				Date:	
	Baker			*5	6-25-0	20
Tractor Add	dress:	· · · · · · · · · · · · · · · · · · ·			Time:	
704	1				*	ز و
Trailer / Container Number Dro	opped By:	 			Need By:	
126092	Mule	•		:		
	E BIN ROLL D	OOR BOX	☐ ISO CONT	AINER [DRY BULK	
_		CUUM BOX	FRAC TANK	POLY TAN		IUM TRUCK
Compartment #	Last Contained	t	Heel - Hazardous	Heel - Non-Haz	Drum /	Rolloff
**************************************				* .		
2						
3						
4						*
5					aç	
CLEANING CODES	WORK PERF	FORMED		TANK ENTRY	PERMIT	
1 Air Dry			Oxygen (19.5% -23.5%	6) #12/ 12	#3 #4	#5
2 Quick Rinse			LEL (<10%)	#1_0_#2	#3#4	#5
3 Cold Water Rinse		tati ti ja	CO ² (<35 ppm)	#1 0 #2	#3 #4	#5
4 Hot Water Rinse			Toxic Vapor	#1 #2	#3 #4	#5
5 Steam Only (Per Hour)			Signature:	Z	· · · · · · · · · · · · · · · · · · ·	
6 Steam & Dry			Stripper Usage:			
7 Rinse, Steam & Dry						
8 Detergent Wash, Rinse & Dry			Comments:		A CARL STORY	
9 Caustic Wash & Dry						
10 Caustic Wash, Rinse & Dry		- A.				• • • • • • • • • • • • • • • • • • • •
11 Waste Water Surcharge						
12 Solvent Wash (Diesel # Hou	ırs)					ar.
13 Solvent Wash (Stripper)						
14 Exterior Tractor Wash						
15 Exterior Trailer Wash (w/o Ir					L.	. *
16 Exterior Trailer Wash (with I	nternal)		/			
17 Exterior Acid Brite Wash			Authorized Addit	ional Services: —		
18 Hand Labor (# Men / # Hou	rs)		· · · · · · · · · · · · · · · · · · ·			
19 Hydroblaster (# Hours)				<u> </u>		
20 Solvent Wash (Green Stripp	er)					
21 Passivation						
Hose Cleaning			CEC Enginemental Cana	ione les Clessias Dideins	makaa na ayamataaa y	ith manact to the
Pump Cleaning			thoroughness of the tank moisture. Final inspection of t	ices, Inc., Cleaning Division, washing procedure or the to the equipment remains the re	otal elimination of Interior esponsibility of the custo	residues and/or mer, and they hereb
Cleaned By:	Date	25 9	release CES Environmental from any allegations that CES Environmental S	Services, Inc., Cleaning Division the equipment was imprope ervices, Inc., Cleaning Division losses of equipment and/o	sion, from any responsib orly cleaned, resulting in on, is in no manner resp	ifity for claims arising damage or loss. onsible for any
Inspected By:	Date		Print Name:			
			Signature:			

onmental Services

ank Cleaning Division ,ys Rd. • Houston, TX 77021 (713) 676-1460 • Fax: (713) 676-1676

TANK WASH WORK ORDER

U #	Customer:	A 3				Date: /	4
	TAVE	CAP				7/1/	15
ractor	Address:	•			-	Time:	
70-1		- <u> </u>			:	17:00	
railer / Container Number	Dropped By	\mathcal{A}^{*}				Need By:	
X 48/50C	2f)	With .		·	4		
CONTAINER TYPE: T	OTE BIN	ROLL DO	OR BOX	☐ ISO CONT	AINER [DRY BULK	
☐ TANK TRAILER ☐	ROLL TARP	BOX	UUM BOX	FRAC TANK	POLY TAN	IK 🔲 VACI	JUM TRUCK
Compartment #	La	st Contained	1	Heel - Hazardous	Heel - Non-Haz	Drum /	Rolloff
Crode		1.5					
			— 4 4 . 2				
*							
		**************************************		·			
							12.6
CLEANING CODES		WORK PERFO	DRMED		TANK ENTRY	PERMIT	
1 Air Dry		, , , , , , , , , , , , , , , , , , , ,		Oxygen (19.5% -23.59	%) #B # ((#2	#3 #4	#5_
2 Quick Rinse			-	LEL (<10%)	#1#2		
3 Cold Water Rinse				CO ² (<35 ppm)			#5
Hot Water Rinse				Toxic Vapor	#1 #2	#3 #4	<u>#5</u>
5 Steam Only (Per Hour)				اے:Signature			
6 Steam & Dry				Stripper Usage:			
7 Rinse, Steam & Dry							
8 Detergent Wash, Rinse &	Dry 🖟		l,	Comments:			
9 Caustic Wash & Dry]			
10 Caustic Wash, Rinse & I	Dry						
11 Waste Water Surcharge] <			
12 Solvent Wash (Diesel #	Hours) 💪]		•	
13 Solvent Wash (Stripper)		1.			*		
14 Exterior Tractor Wash							
15 Exterior Trailer Wash (w.	o Internal)]			
16 Exterior Trailer Wash (wi	th Internal)						
17 Exterior Acid Brite Wash) #			Authorized Addit	ional Services:_		
18 Hand Labor (# Men / # h	Hours)						
19 Hydroblaster (# Hours)							
20 Solvent Wash (Green St	ripper)						. :
21 Passivation							e e
Hose Cleaning							
Pump Cleaning			-	thoroughness of the tank	ices, Inc., Cleaning Division washing procedure or the	total elimination of interio	r residues and/or
				moisture. Final inspection of release CES Environmental	he equipment remains the Services, Inc., Cleaning Div the equipment was improp	rision, from any responsib	ility for claims arisi
Cleaned By:	51	Date <u>7 - 7</u>	-09		ervices, Inc., Cleaning Divisor losses of equipment and/		
Inspected By:		Date		Print Name:		Date	
		and the second second					

TANK WASH WORK ORDER

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676

PO # Customer:	3 Mzere			Date:	-09
Tractor Address:				Time:	
Trailer / Container Number Dropped By:	Sean			Need By:	
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK	
TANK TRAILER ROLL TARP BO	VACUUM BOX	☐ FRAC TANK	POLY TAN	K 🔲 VACUI	UM TRUCK
Compartment # \ Last	Contained	Heel - Hazardous	Heel - Non-Haz	Drum / F	Rolloff
1 Crude Oil					
2					
3					
4					
5					
CLEANING CODES V	VORK PERFORMED		TANK ENTRY I	PERMIT	
1 Air Dry		Oxygen (19.5% -23.5	%) #12 e/l #2	#3#4	#5
2 Quick Rinse		LEL (<10%)	U ~ , .	#3#4	#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1_ <i>[</i>] #2	#3 #4	#5
4 Hot Water Rinse		Toxic Vapor	o #1 1 #2	#3 #4	#5
5 Steam Only (Per Hour)		Signature	<u> </u>	·	
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry				· · · · · · · · · · · · · · · · · · ·	* %
8 Detergent Wash, Rinse & Dry	7	Comments:			
9 Caustic Wash & Dry					
10 Caustic Wash, Rinse & Dry	· · · · · · · · · · · · · · · · · · ·			•	
11 Waste Water Surcharge					*
12 Solvent Wash (Diesel # Hours)					
13 Solvent Wash (Stripper)		_			
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (w/o Internal)	· · · · · · · · · · · · · · · · · · ·	_			
16 Exterior Trailer Wash (with Internal)			<u> </u>		
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:	<u></u>	
18 Hand Labor (# Men / # Hours)					
19 Hydroblaster (# Hours)		·	· W.	<u> </u>	
20 Solvent Wash (Green Stripper)	<u> </u>				
21 Passivation					
Hose Cleaning		050 5			
Pump Cleaning Cleaned By:	1 00	thoroughness of the tank moisture. Final inspection of release CES Environmental from any allegations that	Services, Inc., Cleaning Divi the equipment was imprope	otal elimination of interior responsibility of the custom sion, from any responsibili arty cleaned, resulting in de	residues and/or er, and they hereb ty for claims ansing amage or loss.
Cleaned By:	Date 7-2-09		ervices, Inc., Cleaning Divisi or losses of equipment and/o		
Inspected By:		Print Name:		Date	
		Signature:			

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676



TANK WASH WORK ORDER

PO# Custom	er: 11z Ege	***		Date:/	
Tractor Address				Time: /2.10	
Trailer / Container Number Droppe	d By:			Need By:	
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER C		
Compartment #	Last Contained	Heel - Hazardous		Drum / Rolloff	
1					
2					
3					
4					
5					
CLEANING CODES	WORK PERFORMED	· · · · · · · · · · · · · · · · · · ·	TANK ENTRY I	PERMIT	
1 Air Dry	VOINT ETH OTHER	Oxygen (19.5% -23.5	\sim	#3 #4 #5	
2 Quick Rinse		LEL (<10%)	#1 <u>2</u> #2	#3#4#5	
3 Cold Water Rinse		CO ² (<35 ppm)	#1 0 #2	#3#5	
4 Hot Water Rinse		Toxic Vapor	#10 #2	#3#4#5	
5 Steam Only (Per Hour)		Signature:			
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry	+/	1			
8 Detergent Wash, Rinse & Dry	1 / 25	Comments:			
9 Caustic Wash & Dry					
10 Caustic Wash, Rinse & Dry			•		
11 Waste Water Surcharge					
12 Solvent Wash (Diesel # Hours)					
13 Solvent Wash (Stripper)			e de la companya de l		
14 Exterior Tractor Wash		· ·		•	
15 Exterior Trailer Wash (w/o Interna	al)				
16 Exterior Trailer Wash (with Intern					
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:		
18 Hand Labor (# Men / # Hours)					
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green Stripper)					
21 Passivation					
Hose Cleaning					
Pump Cleaning		thoroughness of the tan moisture. Final inspection of	k washing procedure or the t the equipment remains the r	makes no guarantees with respect to the otal elimination of interior residues and/or esponsibility of the customer, and they hereby	
Cleaned By: 18-11-56	Date \$ 7-/. \$	from any allegations that CES Environmental S	t the equipment was imprope	sion, from any responsibility for claims ansing only cleaned, resulting in damage or loss. on, is in no manner responsible for any or materials left in their yard.	
Inspected By:	Date	Print Name:		Date	
		Signature:			

TANK WASH WORK ORDER

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676

PO # Customer	-S TRUCKIN			Date:	20
Tractor Address:				Time:	27
	SAN CHARRIEL	(T	inne.	
Trailer / Container Number Dropped	SPA CABLIEL	- Goeu	<u> </u>	Need By:	
	\	500			_
			· · · · · · · · · · · · · · · · · · ·	8:00	
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT		DRY BULK	
TANK TRAILER ROLL TA		FRAC TANK	POLY TAN	T	
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Ro	lloff
1 Com Marko					
2					
3					
4					
5					
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT	•
1 Air Dry		Oxygen (19.5% -23.59	%) # 13	#3 #4	#5
2 Quick Rinse		LEL (<10%)	7 "	#3#4	
3 Cold Water Rinse		CO ² (<35 ppm)	#1 #2	#3 #4	_ #5
4 Hot Water Rinse		Toxic Vapor	#1 #2	#3 #4	#5
5 Steam Only (Per Hour)		Signature:)· -		
6 Steam & Dry	/	Stripper Usage:			
7 Rinse, Steam & Dry	1		· · · · · · · · · · · · · · · · · · ·		
8 Detergent Wash, Rinse & Dry		Comments:		· ·	1.
9 Caustic Wash & Dry	X	قليمظال ا	# 1103	6	
10 Caustic Wash, Rinse & Dry		CHECKE 1145	.,,,		
11 Waste Water Surcharge		1146	00		
12 Solvent Wash (Diesel # Hours)		T ト ' ' ご			*
13 Solvent Wash (Stripper)]'			
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (w/o Internal)					
16 Exterior Trailer Wash (with Internal)					
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:		
18 Hand Labor (# Men / # Hours)					
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green Stripper)					
21 Passivation					
Hose Cleaning					
Pump Cleaning		thoroughness of the tank moisture. Final inspection of release CES Environmental	washing procedure or the to the equipment remains the n Services, Inc., Cleaning Divi	, makes no guarantees with a total elimination of interior res esponsibility of the customer, sion, from any responsibility arty cleaned, resulting in dam	idues and/or and they here for claims arisir
Cleaned By:	Date 6-30-09	CES Environmental S		on, is in no manner responsi	
Inspected By:	Date	Print Name:		Date	
		Signature:			

TANK WASH WORK ORDER

PO# Custom	er:			Date:	
88906	CES			6.	24.9
Tractor Address	3:		i da.	Time:	
Trailer / Container Number Dropped	d By:			Need By:	
CONTAINER TYPE: TOTE BIN	N ROLL DOOR BOX	☐ ISO CONT	ALNED [DRY BULK	
TANK TRAILER ROLL T	<u> </u>	FRAC TANK	POLY TAN		IUM TRUCK
Compartment #	Last Contained	Heel - Hazardous			
1 Roper & pump	<u> </u>				
2					
3			·		
4					- i
5					<u>-</u>
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry		Owigen (10 59/, 22 59	%) #1 #2		#5
2 Quick Rinse		LEL (<10%)	%) #1 #2 #1 #2		
3 Cold Water Rinse		CO ² (<35 ppm)		#3 #4	
4 Hot Water Rinse		Toxic Vapor	#1 #2		#5
5 Steam Only (Per Hour)		Signature:			
6 Steam & Dry	 	Stripper Usage:			
7 Rinse, Steam & Dry	+/	1			*
8 Detergent Wash, Rinse & Dry	+/	Comments:	# ····		
9 Caustic Wash & Dry					
10 Caustic Wash, Rinse & Dry	 / 	1			
11 Waste Water Surcharge		1			
12 Solvent Wash (Diesel # Hours)					
13 Solvent Wash (Stripper)		1		• ** • **	
14 Exterior Tractor Wash			•		1
15 Exterior Trailer Wash (w/o Interna	a))	1			
16 Exterior Trailer Wash (with International		1			
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:		
18 Hand Labor (# Men / # Hours)			-		
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green Stripper)	+ /				
21 Passivation	 / 				
Hose Cleaning	1//				
Pump Cleaning	3-3		ices, Inc., Cleaning Division		
Cleaned By:	Date 6-249	moisture. Final inspection of t release CES Environmental from any allegations that CES Environmental S	k washing procedure or the services, Inc., Cleaning Divist the equipment was improper to the equipment was impropervices, Inc., Cleaning Divisor Inc., Cleaning Divisor Iosses of equipment and/	responsibility of the custor rision, from any responsible erly cleaned, resulting in conting sion, is in no manner responsibility.	mer, and they hereby lity for claims arising damage or loss. onsible for any
Inspected By:	Date	Print Name:		Date	
		Signature:			·. · · · · · · · · · · · · · · · · · ·

TANK WASH WORK ORDER

	Customer:	45				Date:	7-5
Tractor	Address:					Time:	
Trailer / Container Number	Dropped By:	16011	50	Y		Need By:	
CONTAINER TYPE:	OTE BIN	ROLL DOO	R BOX	☐ ISO CONTA	AINER [DRY BULK	Mary Surveyor
☐ TANK TRAILER ☐	ROLL TARP BO	X VACU	UM BOX	FRAC TANK	POLY TAN	K 🔲 VAC	UUM TRUCK
Compartment #	Last	Contained	ŀ	leel - Hazardous	Heel - Non-Haz	Drum	/ Rolloff
1							
2 NEBOC	7	RedR	0510		110 50	1	
3 /	35h				*		
4							***
5							
CLEANING CODES	\	WORK PERFO	RMED		TANK, ENTRY	PERMIT	
1 Air Dry	and the same section of th			Oxygen (19.5% -23.5%	6) #1 1.0#2	#3 #4	#5
2 Quick Rinse				LEL (<10%)	#1 <u>0</u> #2 <u>'</u>	#3 #4	#5
3 Cold Water Rinse				CO ² (<35 ppm)	#1 #2	#3 #4	#5
4 Hot Water Rinse				Toxic Vapor	#1 2 #2	#3 #4	#5
5 Steam Only (Per Hour)	·			Signature:			
6 Steam & Dry		· · · · · · · · · · · · · · · · · · ·		Stripper Usage:			
7 Rinse, Steam & Dry							· .
8 Detergent Wash, Rinse &	Dry		(Comments:			
9 Caustic Wash & Dry							
10 Caustic Wash, Rinse & I							$\frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \right) \right)$
11 Waste Water Surcharge							
12 Solvent Wash (Diesel #							
13 Solvent Wash (Stripper)					-		
14 Exterior Tractor Wash	/o Internal)						
15 Exterior Trailer Wash (w.16 Exterior Trailer Wash (w.							in the
17 Exterior Acid Brite Wash		<u>.</u>		Authorized Additi	onal Services:		
18 Hand Labor (# Men / # I					_		
19 Hydroblaster (# Hours)	louid)						
20 Solvent Wash (Green St	tripper)	<u> </u>					
21 Passivation							
Hose Cleaning		<u></u>		· ·			
Pump Cleaning			n	CES Environmental Servi thoroughness of the tank noisture. Final inspection of the elease CES Environmental S	ces, Inc., Cleaning Division washing procedure or the he equipment remains the	total elimination of inter	ior residues and/or
Cleaned By:		_ Date	25 9	from any allegations that CES Environmental Se	the equipment was impropervices, Inc., Cleaning Divisor losses of equipment and/	erly cleaned, resulting i ion, is in no manner rea	n damage or loss. sponsible for any
Inspected By:		Date					

TANK WASH WORK ORDER

7/1235

PO # Customer:	and the second s			Date:	
and the second of the second o	CES			6-26-	04
Tractor 290 Address:				Time:	00
Trailer / Container Number Dropped B	lv:			Need By:	
233	Candido				
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER C	DRY BULK	
TANK TRAILER ROLL TAF		☐ FRAC TANK	POLY TAN		UM TRUCK
	Last Contained	Heel - Hazardous		Drum / F	
INON PORA					
2 DOT Regulated	weste water				
3	West water				:
4					
5	44				
CLEANING CODES	WORK PERFORMED		TANK ENTRY I	PERMIT	- : - · · · ·
1 Air Dry	WOTHER CHARLES	Oxygen (19.5% -23.5		#3 #4	#5
2 Quick Rinse		LEL (<10%)	76) #1 <u>== (7 . 7</u> #2 #1 #2	_ #3 #4 _ #3 #4	#5 #5
3 Cold Water Rinse	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CO ² (<35 ppm)	#1 > #2		#5
4 Hot Water Rinse		Toxic Vapor	#1 2 #2		#5
5 Steam Only (Per Hour)		Signature:	JE		
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry		-			
8 Detergent Wash, Rinse & Dry	/	Comments:			
9 Caustic Wash & Dry	<u> </u>	-			
10 Caustic Wash, Rinse & Dry					
11 Waste Water Surcharge					
12 Solvent Wash (Diesel # Hours)					
13 Solvent Wash (Stripper)					
14 Exterior Tractor Wash	λ				
15 Exterior Trailer Wash (w/o Internal)		7			
16 Exterior Trailer Wash (with Internal)					
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:		
18 Hand Labor (# Men / # Hours)					-
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green Stripper)				-	
21 Passivation					
Hose Cleaning					
Pump Cleaning		thoroughness of the tan	rices, Inc., Cleaning Division, k washing procedure or the to	otal elimination of interior	residues and/or
Cleaned By:	Date 6 28 9	moisture. Final inspection of release CES Environmental from any allegations the	the equipment remains the n Services, Inc., Cleaning Divi- t the equipment was imprope tervices, Inc., Cleaning Divisi	esponsibility of the custom sion, from any responsibili arty cleaned, resulting in d	ner, and they hereby ity for claims arising amage or loss.
Oleaneu by.	Pale Orwing and	damages	or losses of equipment and/o	r materials left in their yar	d.
Inspected By:	Date	Print Name:		Date	
		Signature:			

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO# Cus	stomer: - & CES			Date:	9
Tractor Add	dress:			Time:	
Trailer / Container Number Dro	opped By:			Need By:	
CONTAINER TYPE: TOTA	E BIN ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK	
TANK TRAILER R	OLL TARP BOX	FRAC TANK	POLY TAN	K 🔲 VACUU	IM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / R	olloff
1 W Water					
2				†	
3					
4					
5	4.0				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry		Oxygen (19.5% -23.59	6) #2 0 #2	#3 #4	#5
2 Quick Rinse		LEL (<10%)	#1 #2	#3#4	
3 Cold Water Rinse		CO ² (<35 ppm)	#1 #2	#3 #4	#5
4 Hot Water Rinse		Toxic Vapor	#1 2 #2	#3 #4	#5
5 Steam Only (Per Hour)		Signature:	BH		· · · · · · · · · · · · · · · · · · ·
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry			en e		
8 Detergent Wash, Rinse & Dry	у 💆	Comments:			
9 Caustic Wash & Dry				•	· ·
10 Caustic Wash, Rinse & Dry		1			
11 Waste Water Surcharge		_			
12 Solvent Wash (Diesel # Hou	ırs)				
13 Solvent Wash (Stripper)					
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (w/o Ir					
16 Exterior Trailer Wash (with I	nternal)				-
17 Exterior Acid Brite Wash		Authorized Addit	ionai Services: —		
18 Hand Labor (# Men / # Hou	rs)			_	· ·
19 Hydroblaster (# Hours)		<u> </u>			-
20 Solvent Wash (Green Stripp	er)	<u> </u>			-
21 Passivation					-
Hose Cleaning		CES Environmental Serv	ices, Inc., Cleaning Division,	makes no quarantees with	respect to the
Pump Cleaning Cleaned By:	Date 0.26.9	thoroughness of the tank moisture. Final inspection of trelease CES Environmental from any allegations that CES Environmental S	washing procedure or the to the equipment remains the in Services, Inc., Cleaning Division the equipment was improper ervices, Inc., Cleaning Division to losses of equipment and/o	otal elimination of interior re esponsibility of the custome sion, from any responsibility orly cleaned, resulting in da- ion, is in no manner respon-	sidues and/or or, and they hereby y for claims arising mage or loss.
Inspected By:	Date			Date	<u>- </u>
		Signature:			

TANK WASH WORK ORDER

PO #	Customer:	and the second s	4 6		Date:
4		(-1.5)		•	6269
Tractor	Address:				Time:
Trailer / Container Number	Dropped B	X-1101	R.		Need By:
CONTAINER TYPE:	TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK
TANK TRAILER	ROLL TAR		☐ FRAC TANK	POLY TAN	
Compartment #		_ast Contained	Heel - Hazardous		Drum / Rolloff
1 11.11	101				
2	***	and the same of			
3					
4					
5			:		
CLEANING CODES		WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry			Oxygen (19.5% -23.5	%) #1-1 /#2	#3 #4 #5
2 Quick Rinse			LEL (<10%)	#1 #2	#3 #4 #5
3 Cold Water Rinse			CO ² (<35 ppm)	#1 #2	#3 #4 #5
4 Hot Water Rinse			Toxic Vapor	#1 <u></u> #2	#3 #4 #5
5 Steam Only (Per Hour)		, , , , , , , , , , , , , , , , , , , ,	Signature:	5	
6 Steam & Dry			Stripper Usage:		
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse	& Dry		Comments:		En the second of
9 Caustic Wash & Dry	ř				
10 Caustic Wash, Rinse &	Dry				
11 Waste Water Surcharge	е				
12 Solvent Wash (Diesel #	Hours)		*		
13 Solvent Wash (Stripper	')			**	
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (v	v/o Internal)				
16 Exterior Trailer Wash (v	vith Internal)				
17 Exterior Acid Brite Was	sh		Authorized Addit	ional Services:	
18 Hand Labor (# Men / #	Hours)				
19 Hydroblaster (# Hours)	1				
20 Solvent Wash (Green S	Stripper)				
21 Passivation				-	-
Hose Cleaning				· .	
Pump Cleaning			moisture. Final inspection of release CES Environmental	the equipment remains the r Services, Inc., Cleaning Divi	, makes no guarantees with respect to the otal elimination of interior residues and/or esponsibility of the customer, and they here sion, from any responsibility for claims arisin
Cleaned By:		Date	CES Environmental S	<u></u>	orly cleaned, resulting in damage or loss. on, is in no manner responsible for any or materials left in their yard.
Inspected By:		Date	Print Name:		Date
			Signature:		· · · · · · · · · · · · · · · · · · ·

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO # Customer:		nanic		Date: 2/2-9
Tractor Address:				Time:
Trailer / Container Number Dropped B	by:			Need By:
CONTAINER TYPE: TOTE BIN TANK TRAILER ROLL TAR	ROLL DOOR BOX RP BOX VACUUM BOX	FRAC TANK	AINER C	
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
104 stude			· ·	
2				
3		·		
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.59	%) #1 <u>2/</u> #2	#3 #4 #5
2 Quick Rinse		LEL (<10%)	#1#2	1
3 Cold Water Rinse		CO ² (<35 ppm)		•
4 Hot Water Rinse		Toxic Vapor	#1 #2	#3 #4 #5
5 Steam Only (Per Hour)		Signature:	51	
6 Steam & Dry	/	Stripper Usage:		
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse & Dry		Comments:	***	
9 Caustic Wash & Dry				
10 Caustic Wash, Rinse & Dry				
11 Waste Water Surcharge				
12 Solvent Wash (Diesel # Hours)				
13 Solvent Wash (Stripper)	***			
14 Exterior Tractor Wash				
15 Exterior Trailer Wash (w/o Internal)				
16 Exterior Trailer Wash (with Internal)				
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:_	
18 Hand Labor (# Men / # Hours)				
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green Stripper)				
21 Passivation				
Hose Cleaning		<i>></i>		
Pump Cleaning	- 679	thoroughness of the tank moisture. Final inspection of t release CES Environmental (from any allegations that	washing procedure or the to the equipment remains the re Services, Inc., Cleaning Divi- the equipment was improper	makes no guarantees with respect to the otal elimination of interior residues and/or esponsibility of the customer, and they heret sion, from any responsibility for claims arisin orly cleaned, resulting in damage or loss.
Cleaned By:	Date/	CES Environmental Se damages o	ervices, Inc., Cleaning Division of the control of	on, is in no manner responsible for any or materials left in their yard.
Inspected By:	Date	Print Name:		Date
		Signature:		

TANK WASH WORK ORDER

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676

Tractor 105					Date:	
					6-2	6-01
105	Address:		······································		Time:	
100					3:00	o .
			Need By:	·		
		Jose 6	spina			
CONTAINER TYPE: 1	OTE BIN	ROLL DOOR BOX	ISO CONT	AINER [DRY BULK	
TANK TRAILER	ROLL TAP	RP BOX	☐ FRAC TANK	POLY TAN	K E VACL	UM TBUCK
Compartment #		Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum /	Rólloff/
1 Class,	5 lua	ar		1 - 17 ram	(
2						
3						
4					,k. te	
5						
CLEANING CODES		WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry			Oxygen (19.5% -23.5	i%) #1 <u>1</u> #2	#3 #4	#5
2 Quick Rinse			LEL (<10%)	#1 #2	#3#4	#5
3 Cold Water Rinse			CO ² (<35 ppm)	#1 #2	#3 #4	#5
4 Hot Water Rinse			Toxic Vapor	#1#2	#3 #4	#5
5 Steam Only (Per Hour)			Signature:			
6 Steam & Dry			Stripper Usage:			
7 Rinse, Steam & Dry						
8 Detergent Wash, Rinse &	& Dry 🖊		Comments:			
9 Caustic Wash & Dry						
10 Caustic Wash, Rinse &	Dry /		_			
11 Waste Water Surcharge						
12 Solvent Wash (Diesel #	Hours)					
13 Solvent Wash (Stripper))					
14 Exterior Tractor Wash			. من			
15 Exterior Trailer Wash (w			4			
16 Exterior Trailer Wash (w						
17 Exterior Acid Brite Was	·	/	Authorized Addi	tional Services: —		<u> </u>
18 Hand Labor (# Men / #	Hours)			· · · · · · · · · · · · · · · · · · ·	<u> </u>	
19 Hydroblaster (# Hours)	· · · · · · · · · · · · · · · · · · ·					
20 Solvent Wash (Green S	tripper)			· · · · · · · · · · · · · · · · · · ·	_	
21 Passivation				·	·	
Hose Cleaning			050 5			
Pump Cleaning	1		thoroughness of the tar moisture. Final inspection of release CES Environmenta	vices, Inc., Cleaning Division ik washing procedure or the if the equipment remains the if Services, Inc., Cleaning Div at the equipment was improp	total elimination of interior responsibility of the custo ision, from any responsib	r residues and/or mer, and they hereb ility for claims arisin
Cleaned By:	<u> </u>	Date(6-29-09	CES Environmental damages	Services, Inc., Cleaning Divis or losses of equipment and/	ion, is in no manner resp or materials left in their y	onsible for any ard.
Inspected By:		Date	Print Name:		Date	

TANK WASH WORK ORDER

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676

PO #	Customer:				Date 129 //
Tractor	Address:				Time:
Trailer / Container Number	Dropped By:				Need By:
CONTAINER TYPE:	TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK
TANK TRAILER	ROLL TARP	BOX	☐ FRAC TANK	POLY TAN	K VACUUM TRUCK
Compartment #	La	st Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
10:10	Vi.				
2					
3			·	-	
4				-	
5		Maria de la companya			
CLEANING CODES		WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry			Oxygen (19.5% -23.5	%) #1 #2	#3 #4 #5
2 Quick Rinse			LEL (<10%)	#1]#2	#3 #4 #5
3 Cold Water Rinse			CO ² (<35 ppm)	#1#2	#3 #4 #5
4 Hot Water Rinse			Toxic Vapor	#1 #2	#3 #4 #5
5 Steam Only (Per Hour)			Signature:	<u> </u>	
6 Steam & Dry			Stripper Usage:		
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse 8	& Dry		Comments:		
9 Caustic Wash & Dry			() 6	(,)	
10 Caustic Wash, Rinse &	Dry				
11 Waste Water Surcharge			\perp	1	
12 Solvent Wash (Diesel #				-1	
13 Solvent Wash (Stripper) .		_		
14 Exterior Tractor Wash				SASI C	
15 Exterior Trailer Wash (v				S May	
16 Exterior Trailer Wash (v			Avillanian Addit	ional Consissa.	
17 Exterior Acid Brite Was			Authorized Addit	ionai Services: —	
18 Hand Labor (# Men / #		•			
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green S	stripper)		_		
21 Passivation					
Hose Cleaning			CES Environmental Serv	ices. Inc., Cleaning Division	, makes no guarantees with respect to the
Pump Cleaning		1 - 0	thoroughness of the tan moisture. Final inspection of release CES Environmental	c washing procedure or the the equipment remains the Services, Inc., Cleaning Div	total elimination of interior residues and/or responsibility of the customer, and they herebision, from any responsibility for claims arising erly cleaned, resulting in damage or loss.
Cleaned By:	<u></u>	Date $\frac{1}{2}$	CES Environmental S damages	ervices, Inc., Cleaning Divisor losses of equipment and/	ion, is in no manner responsible for any or materials left in their yard.
Inspected By:		Date	Print Name:		Date
			Signature:		·

CES Environmental Services Container / Tank Cleaning Division

TANK WASH WORK ORDER

4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676

PO# 10	Customer:			Date: /
	(F <			V/29/16
Tractor	Address:			Time:
Trailer / Container Number	Dropped By:			Need By:
CONTAINER TYPE: T	TOTE BIN ROLL DOOR BOX	☐ ISO CONT	AINED E	DRY BULK
TANK TRAILER	ROLL TARP BOX VACUUM BOX		POLY TAN	
Compartment #	Last Contained	Heel - Hazardous		Drum / Rolloff
	Tast Contained	ricer - riazardous	1 ICCI - NOIT-1 IAZ	Didni/ Hollon
1 PAC 0.				
3				
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY I	PERMIT
1 Air Dry		Overgen (10 5% -23 59		#3#4#5
2 Quick Rinse		LEL (<10%)	#1 <u>0</u> #2	
3 Cold Water Rinse		CO ² (<35 ppm)	#1_0_ #2	
4 Hot Water Rinse		Toxic Vapor	#14 #2	
5 Steam Only (Per Hour)		Signature: 37	<u> </u>	
6 Steam & Dry		Stripper Usage:	`	
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse &	Dry /	Comments:		
9 Caustic Wash & Dry				
10 Caustic Wash, Rinse & I	Dry			
11 Waste Water Surcharge			•	
12 Solvent Wash (Diesel # I	Hours)			
13 Solvent Wash (Stripper)		·		
14 Exterior Tractor Wash				
15 Exterior Trailer Wash (w/	/o Internal)			
16 Exterior Trailer Wash (wi	ith Internal)			
17 Exterior Acid Brite Wash	h l	Authorized Addit	ional Services:	
18 Hand Labor (# Men / # H	Hours)			
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green St	tripper)			
21 Passivation				
Hose Cleaning				
Pump Cleaning		thoroughness of the tank moisture. Final inspection of release CES Environmental	c washing procedure or the to the equipment remains the r Services, Inc., Cleaning Divi	, makes no guarantees with respect to the otal elimination of interior residues and/or esponsibility of the customer, and they hereby sion, from any responsibility for claims arising
Cleaned By:	K. Date 6.29-09	CES Environmental S		arly cleaned, resulting in damage or loss. on, is in no manner responsible for arry or materials left in their yard.
Inspected By:	Date	Print Name:		Date
	용기보면도 그런도 말했다고 되었다. 역사 대통합 기계 기계 되었다.	Signature:	 	

TANK WASH WORK ORDER

PO #	Customer:				Date:	
	CE	5			1.291	09
Tractor	Address:					m .
Trailer / Container Number	Dropped B	y: _			Need By:	
205	Che	O = O			500	
	TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK	
·	ROLL TAF	<u> </u>		POLY TAN		JM TRUCK
Compartment #		ast Contained	Heel - Hazardous		Drum / F	
1						- y - · · ·
2						
3	· · · · · · · · · · · · · · · · · · ·					
4	-					
5						
CLEANING CODES		WORK PERFORMED		TANK ENTRY	PERMIT	<u> </u>
1 Air Dry			Oxygen (19.5% -23.5)	%) #1/_#2	#3 #4	#5
2 Quick Rinse			LEL (<10%)	#1 #2		#5
3 Cold Water Rinse			CO ² (<35 ppm)	#1 #2	#3 #4	#5
4 Hot Water Rinse			Toxic Vapor	_#1 <u>~</u> #2	#3#4	#5
5 Steam Only (Per Hour)			Signature:	16		
6 Steam & Dry			Stripper Usage:		in the second	
7 Rinse, Steam & Dry						
8 Detergent Wash, Rinse 8	& Dry		Comments:			
9 Caustic Wash & Dry						
10 Caustic Wash, Rinse &	Dry					
11 Waste Water Surcharge		· · ·				
12 Solvent Wash (Diesel #		<u> </u>				
13 Solvent Wash (Stripper)	· · · · · · · · · · · · · · · · · · ·				
14 Exterior Tractor Wash						
15 Exterior Trailer Wash (v						e e e e e e e e e e e e e e e e e e e
16 Exterior Trailer Wash (v			Authorized Addit	ional Condess		-
17 Exterior Acid Brite Was		· · · · · · · · · · · · · · · · · · ·	Authorized Addit	ionai Services. —		
18 Hand Labor (# Men / #						-
19 Hydroblaster (# Hours)						
20 Solvent Wash (Green S	stripper)	· · · · · · · · · · · · · · · · · · ·				
Hose Cleaning						
Pump Cleaning	•	<u> </u>	CES Environmental Serv	rices, Inc., Cleaning Division k washing procedure or the t	, makes no guarantees wit	h respect to the
	a constant of	De 10 79.	moisture. Final inspection of release CES Environmental from any allegations that	the equipment remains the r Services, Inc., Cleaning Divi t the equipment was improp	respunsibility of the custom ision, from any responsibili erly claaned, resulting in d	er, and they hereby ty for claims arising amage or loss.
Cleaned By:		Date	GES Environmental S damages o	ervices, Inc., Cleaning Divis or losses of equipment and/o	on, is in no manner respondent materials left in their yan	isible for any d.
Inspected By:		Date	Print Name:		Date	·
			Signature:			-

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO # Customer:	Date:				
Tractor / 105 Address:				Time:	
Trailer / Container Number Dropped B	ly: Savier R	-		Need By:	4P
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	ISO CONT	_	DRY BULK	
Compartment #	RP BOX VACUUM BOX Last Contained	Heel - Hazardous	Heel - Non-Haz	1	UM TRUCK Rolloff
1 (21/ Wate					
	· .				
2 /					
	.)				
4				·	
5 CLEANING CODES	WORK PERFORMED		TANK ENTRY	DEDMIT	
1 Air Dry	WORK FERFORINED	0 (40.5% 00.5%	÷		
2 Quick Rinse		Uxygen (19.5% -23.5) LEL (<10%)	%) # <u>\$10,1</u> #2	#3 #4 #3 #4	
3 Cold Water Rinse		CO ² (<35 ppm)			
4 Hot Water Rinse		Toxic Vapor	#1_72_#2		#5
5 Steam Only (Per Hour)		Signature: 1	ζ <u> </u>		
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse & Dry		Comments:			
9 Caustic Wash & Dry					
10 Caustic Wash, Rinse & Dry					
11 Waste Water Surcharge					
12 Solvent Wash (Diesel # Hours)					
13 Solvent Wash (Stripper)		And I have the			
14 Exterior Tractor Wash			· ·		
15 Exterior Trailer Wash (w/o Internal)		1	•	:	
16 Exterior Trailer Wash (with Internal)					
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:		
18 Hand Labor (# Men / # Hours)			: :		
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green Stripper)					
21 Passivation					
Hose Cleaning					
Pump Cleaning		thoroughness of the tank moisture. Final inspection of release CES Environmental	ices, Inc., Cleaning Division cwashing procedure or the t the equipment remains the i Services, Inc., Cleaning Div t the equipment was improp	total elimination of interior responsibility of the custor ision, from any responsibi	residues and/or mer, and they hereby lity for claims arising
Cleaned By:	Date 6 - 3-0 C]		ervices, Inc., Cleaning Divis or losses of equipment and/o		
Inspected By:	Date	Print Name:	aur	Date	130/09
		Signature:			

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
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PO # 88356 Customer:	CES			Date: 6/30/09
Tractor 281 Address:	•	V.		Time:
Trailer / Container Number Dropped By	:			Need By:
233 " '	Savi Co			Tonish+ ASHP
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK
TANK TRAILER		☐ FRAC TANK	POLY TAN	and the second s
	ast Contained	Heel - Hazardous	· · · · · · · · · · · · · · · · · · ·	Drum / Rolloff
1 Waste Water				
2				
3				
4.				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.5	6) #12/ 0#2	#3 #4 #5
2 Quick Rinse		LEL (<10%)	#1 #2	#3#4#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 #2	#3 #4 #5
4 Hot Water Rinse		Toxic Vapor	#1 #2	#3#4#5
5 Steam Only (Per Hour)		Signature:	16	
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry		1		
8 Detergent Wash, Rinse & Dry		Comments:	1	<i>C</i>
9 Caustic Wash & Dry		$\int \int \int \int \int \partial u du du$	Was.	and a
10 Caustic Wash, Rinse & Dry		Cicar	Dig	CANO.
11 Waste Water Surcharge			601	and he trailer
12 Solvent Wash (Diesel # Hours)		$\int hose$	es on i	16
13 Solvent Wash (Stripper)				
14 Exterior Tractor Wash				•
15 Exterior Trailer Wash (w/o Internal)				
16 Exterior Trailer Wash (with Internal)				
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:	
18 Hand Labor (# Men / # Hours)				
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green Stripper)				
21 Passivation				
Hose Cleaning				
Pump Cleaning		thoroughness of the tank	washing procedure or the to	makes no guarantees with respect to the otal elimination of interior residues and/or esponsibility of the customer, and they hereby
		release CES Environmental	Services, Inc., Cleaning Divi	sion, from any responsibility for claims arising brly cleaned, resulting in damage or loss.
Cleaned By: <u>L</u>	Date <u>30-9</u>	CES Environmental S		on, is in no manner responsible for any
Inspected By:	Date	Dulma Na		Detc
		Print Name:	er v	Date
		Signature:		

TANK WASH WORK ORDER

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676

DO #	0			1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	15.1	· · · · · · · · · · · · · · · · · · ·	
PO# 88369	Customer:	CES			Date: /30	109	
Tractor 289	Address:				Time:		
Trailer / Container Number	Dropped B	y:			Need By:	06 10	
228		Sovier			Janisht	MSAP	
CONTAINER TYPE: 1	OTE BIN	ROLL DOOR BOX	ISO CONT	AINER [DRY BULK		
TANK TRAILER	ROLL TAP	RP BOX	☐ FRAC TANK	POLY TAN	K TELESI	JUM TRUCK	
Compartment #	7.	ast Contained	Heel - Hazardous	Heel - Non-Haz	Drum /	Rolloff	
1 Waste	[Val	ter in the					
2						. * **	
3							
4					. ,		
5							
CLEANING CODES		WORK PERFORMED		TANK ENTRY	PERMIT		
1 Air Dry			Oxygen (19.5% -23.5	%) #1 1	#3#4	#5	
2 Quick Rinse			LEL (<10%)	#1 #2	#3#4	#5	
3 Cold Water Rinse			CO ² (<35 ppm)	#1 <u> </u>	#3 #4	#5	
4 Hot Water Rinse	ρì		Toxic Vapor	#1 2 #2	#3 #4	#5	
5 Steam Only (Per Hour)		, in the second	Signature:	J. C.		·	
6 Steam & Dry			Stripper Usage:				
7 Rinse, Steam & Dry				,			
8 Detergent Wash, Rinse 8	Dry		Comments:				
9 Caustic Wash & Dry			1 (lean	9014	are		
10 Caustic Wash, Rinse &				1.			
11 Waste Water Surcharge			4/ S) 7	hoses			
12 Solvent Wash (Diesel #			1 // 3				
13 Solvent Wash (Stripper)							
14 Exterior Tractor Wash							
15 Exterior Trailer Wash (w							
16 Exterior Trailer Wash (w			Authorized Addit	ional Senices:			
17 Exterior Acid Brite Wasi		· · · · · · · · · · · · · · · · · · ·	- Additionized Addit	ional Services.		 	
18 Hand Labor (# Men / #	nours)		·				
19 Hydroblaster (# Hours)	trianor)			• , • •			
20 Solvent Wash (Green S 21 Passivation	(ripper)					· · · · · · · · · · · · · · · · · · ·	
Hose Cleaning							
Pump Cleaning			CES Environmental Serv	rices, Inc., Cleaning Division,	, makes no guarantees w	rith respect to the	
1 ump Oleaning			moisture. Final inspection of	k washing procedure or the to the equipment remains the re Services, Inc., Cleaning Divi	esponsibility of the custo	mer, and they hereby	
Cleaned By:	L	Date 6 30 9	from any allegations that CES Environmental S	services, inc., cleaning Division the equipment was improper iervices, Inc., Cleaning Division losses of equipment and/o	erly cleaned, resulting in	damage or loss.	
Inspected By:		Date	Print Name:				
			Signature:				

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO # Cı	ustomer:	<u> </u>			Date:		
88545		CES				1.9	7
	ddress:				Time:		
Trailer / Container Number Di	ropped B	ly:		· · · · · · · · · · · · · · · · · · ·	Need By	<u>':</u>	
228							
CONTAINER TYPE: TO	TE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER C	DRY BU	LK	
/	ROLL TAF		☐ FRAC TANK	POLY TAN			M TRUCK
Compartment #		Last Contained	Heel - Hazardous	Heel - Non-Haz		um / Ro	
1 Mankage C	and it	ive					
2							
3	-						
4		· · · · · · · · · · · · · · · · · · ·					
5							
CLEANING CODES		WORK PERFORMED		TANK ENTRY	PERMIT	-	
1 Air Dry			Oxygen (19.5% -23.5	%) # 1 2/ 0 #2	#3	#4	#5
2 Quick Rinse			LEL (<10%)	#1 #2	#3	#4	#5
3 Cold Water Rinse			CO ² (<35 ppm)	#1 <u>0</u> #2	_ #3	#4	#5 <u></u> _
4 Hot Water Rinse	, -		Toxic Vapor	#1 <u> </u>	_ #3	#4	#5
5 Steam Only (Per Hour)			Signature:	JL .			
6 Steam & Dry			Stripper Usage:	***		į	
7 Rinse, Steam & Dry							
8 Detergent Wash, Rinse & D)ry		Comments:	-			
9 Caustic Wash & Dry							
10 Caustic Wash, Rinse & Dr	у						
11 Waste Water Surcharge							
12 Solvent Wash (Diesel # Ho	ours)						
13 Solvent Wash (Stripper)							
14 Exterior Tractor Wash	·		·	taga da sa			
15 Exterior Trailer Wash (w/o			_ _				
16 Exterior Trailer Wash (with	Internal)			lI OI			
17 Exterior Acid Brite Wash			Authorized Addit	ionai Services: —			
18 Hand Labor (# Men / # Ho	ours)			***			
19 Hydroblaster (# Hours)							
20 Solvent Wash (Green Strip	oper)						" ",
21 Passivation						-	
Hose Cleaning	· · · · · ·		CES Entimemental Sea	done Inc. Clanning District	makee no cuer	antono with	manage to the
Pump Cleaning		710	thoroughness of the tan moisture. Final inspection of release CES Environmental	vices, Inc., Cleaning Division, k washing procedure or the t the equipment remains the r Services, Inc., Cleaning Divi t the equipment was imprope	otal elimination (esponsibility of t sion, from any n	of interior re he custome esponsibility	sidues and/or or, and they hereby of for claims arising
Cleaned By:	· · · · · · · · · · · · · · · · · · ·	Date /- /	CES Environmental S damages	Services, Inc., Cleaning Divisi or losses of equipment and/o	on, is in no man r materials left i	ner respons n their yard.	ible for any
Inspected By:		Date	Print Name:		Da	te	
			as D epte Second				
		e e e e e e e e e e e e e e e e e e e	Signature:				·

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO # Customer:	CES			Date: 7-1-9
Tractor Address:				Time:
Trailer / Container Number Dropped B	y: JAVIER A	2.		Need By:
CONTAINER TYPE: TOTE BIN TANK TRAILER ROLL TAR	ROLL DOOR BOX	☐ ISO CONT	AINER D	DRY BULK K D VACUUM TRUCK
	ast Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 light Ends				
2			:	
3				
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.5)	%) #12.1 #2	#3 #4 #5
2 Quick Rinse		LEL (<10%)	#1 0 #2	#3#4#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 0 #2	#3#4#5
4 Hot Water Rinse		Toxic Vapor	#1 #2	#3 #4 #5
5 Steam Only (Per Hour)		Signature:	<u>st</u>	
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse & Dry		Comments:		
9 Caustic Wash & Dry				
10 Caustic Wash, Rinse & Dry				
11 Waste Water Surcharge				
12 Solvent Wash (Diesel # Hours)	· ·			
13 Solvent Wash (Stripper)				
14 External Tractor Wash	4	1		
15 Exter liler (w/o Internal)		:		
16 Exterior Failer with Internal)				
17 Exterior Acid Brit Pash		Authorized Addit	ional Services:	•
18 Hand Labor (# Men / # Hours)				
19 Hydroblaster (# Hours)	90 pt			
20 Solvent Wash (Green Stripper)				
21 Passivation				
Hose Cleaning				
Pump Cleaning		thoroughness of the tank moisture. Final inspection of	k washing procedure or the t the equipment remains the i	, makes no guarantees with respect to the otal elimination of interior residues and/or esponsibility of the customer, and they here sion, from any responsibility for claims arisin
Cleaned By: 51	Date71-9	from any allegations that CES Environmental S	t the equipment was impropervices, Inc., Cleaning Divis	orly cleaned, resulting in damage or loss. ion, is in no manner responsible for any or materials left in their yard.
Inspected By:	Date	Print Name:		Date
		Signature:		

TANK WASH WORK ORDER

PO # Cus	stomer:			Date:
yx370	Cas			7-1-7
Tractor Add	dress:			Time:
Trailer / Container Number Dro	pped By:			Need By:
271	JAVE/ K			
CONTAINER TYPE: TOTE	E BIN ROLL DOOR BOX	ISO CONTA	AINER [DRY BULK
TANK TRAILER RO	OLL TARP BOX	☐ FRAC TANK	POLY TAN	K VACUUM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 prank rase add	itive			
2				·
3				
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY I	PERMIT
1 Air Dry		Oxygen (19.5% -23.5	%) #1 <u>1</u> #2	#3#4#5
2 Quick Rinse		LEL (<10%)	#1 #2	#3 #4 #5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 #2	#3 #4 #5
4 Hot Water Rinse		Toxic Vapor	#1 #2	#3 #4 #5
5 Steam Only (Per Hour)		Signature:		
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse & Dry	10	Comments:		
9 Caustic Wash & Dry		.		
10 Caustic Wash, Rinse & Dry				
11 Waste Water Surcharge				
12 Solvent Wash (Diesel # Hou	irs)			
13 Solvent Wash (Stripper)			•	
14 Exterior Tractor Wash		i di		
15 Exterior Trailer Wash (w/o In				
16 Exterior Trailer Wash (with Ir	nternal)		·	
17 Exterior Acid Brite Wash		Authorized Addit	ionai Services: 	
18 Hand Labor (# Men / # Hour				
19 Hydroblaster (# Hours)				· ·
20 Solvent Wash (Green Stripp	er)			
21 Passivation				:
Hose Cleaning Pump Cleaning		CES Environmental Servi	ices, Inc., Cleaning Division.	makes no guarantees with respect to the
		thoroughness of the tank moisture. Final inspection of the release CES Environmental	: washing procedure or the to the equipment remains the n Services, Inc., Cleaning Divi	otal elimination of interior residues and/or esponsibility of the customer, and they hereby sion, from any responsibility for claims arising only cleaned, resulting in damage or loss.
Cleaned By:	J.K. Date -2-9	CES Environmental Se damages d	ervices, Inc., Cleaning Divisi or losses of equipment and/o	on, is in no manner responsible for any r materials left in their yard.
Inspected By:	Date	Daint No.		5.
		Print Name:		Date
		Signature:		
	en e	ga.a. o		

TANK WASH WORK ORDER

PO #	Customer:	Date 4	101 /19
Tractor	Address:	Timé	: /
Trailer / Container Number	Dropped By:	Need	I Ву:
CONTAINER TYPE:			<u> </u>
TANK TRAILER	ROLL TARP BOX VACUUM B	OX FRAC TANK POLY TANK	VACUUM TRUCK
Compartment #	Last Contained	Heel - Hazardous Heel - Non-Haz	Drum / Rolloff
1 warde water			:
2			
3			
4			
5			
CLEANING CODES	WORK PERFORME	TANK ENTRY PERM	iT .
1 Air Dry		Oxygen (19.5% -23.5%) #17 - 1 / 42 #3#3	#4#5
2 Quick Rinse		LEL (<10%) #1_2#2#3	#4 #5
3 Cold Water Rinse		CO ² (<35 ppm) #1 <u>0</u> #2 #3	#4 #5
4 Hot Water Rinse		Toxic Vapor #1 #2 #2 #3	#4 #5
5 Steam Only (Per Hour)		Signature:	<u> </u>
6 Steam & Dry		Stripper Usage:	
7 Rinse, Steam & Dry			
8 Detergent Wash, Rinse	& Dry	Comments:	
9 Caustic Wash & Dry		The Against the Ag	
10 Caustic Wash, Rinse &	Dry	DA TI	
11 Waste Water Surcharg	e 🥒		
12 Solvent Wash (Diesel #	Hours)		
13 Solvent Wash (Stripper	7)		
14 Exterior Tractor Wash			
15 Exterior Trailer Wash (v	w/o Internal)		
16 Exterior Trailer Wash (v	with Internal)		
17 Exterior Acid Brite Was	sh	Authorized Additional Services:	
18 Hand Labor (# Men / #	Hours)		
19 Hydroblaster (# Hours)			
20 Solvent Wash (Green S	Stripper)		-14-000-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
21 Passivation			· · · · · · · · · · · · · · · · · · ·
Hose Cleaning			
Pump Cleaning	0	CES Environmental Services, Inc., Cleaning Division, makes no thoroughness of the tank washing procedure or the total elimin moisture. Final inspection of the equipment remains the responsibili release CES Environmental Services, Inc., Cleaning Division, from from any allegations that the equipment was improperly cleaned.	ation of interior residues and/or
Cleaned By:	Date 7-1-09	CES Environmental Services, Inc., Cleaning Division, is in nudamages or losses of equipment and/or materials	manner responsible for any
Inspected By:	Date	Print Name:	Date
		Signature:	

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO#	Customer:	CEL			Date: 7 - 1 -	09
		CES	·	<u></u>		07
Tractor	Address:			•	Time:	30
Trailer / Container Number	Dropped By	:			Need By:	1
105		BBOSTON	أر		1 A5+	AP
CONTAINER TYPE:	TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK	
	ROLL TARK		☐ FRAC TANK	POLY TAN		CUUM TRUCK
Compartment #		ast Contained	Heel - Hazardous		 	/ Rolloff
1 Diesel						
2						
3						
4			-			
5						
CLEANING CODES		WORK PERFORMED		TANK ENTRY I	PERMIT	
1 Air Dry			Oxygen (19.5% -23.59	%) #Br, 0#2	#3#4	#5
2 Quick Rinse			LEL (<10%)	#1_2 #2		#5
3 Cold Water Rinse			CO ² (<35 ppm)			
4 Hot Water Rinse			Toxic Vapor	, #1 _7 #2	#3 #4	#5 <u></u>
5 Steam Only (Per Hour)	*		Signature: _ F			
6 Steam & Dry		/	Stripper Usage:			
7 Rinse, Steam & Dry	- X					
8 Detergent Wash, Rinse	& Dry		Comments:		. "	
9 Caustic Wash & Dry	/					
10 Caustic Wash, Rinse &	Dry /					
11 Waste Water Surcharge						
12 Solvent Wash (Diesel #						
13 Solvent Wash (Stripper	r)					
14 Exterior Tractor Wash			_			
15 Exterior Trailer Wash (v						
16 Exterior Trailer Wash (· · · · · · · · · · · · · · · · · · ·
17 Exterior Acid Brite Was			Authorized Addit	ional Services: —		
18 Hand Labor (# Men / #						
19 Hydroblaster (# Hours)		· · · · · · · · · · · · · · · · · · ·				
20 Solvent Wash (Green S	Stripper)	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	<u> </u>		
21 Passivation				·		
Hose Cleaning			CES Environmental San	ione Inc. Cleaning Physics	makes no queresto	an with respect to the
Pump Cleaning	<u> </u>		thoroughness of the tank	ices, Inc., Cleaning Division, washing procedure or the to the equipment remains the r	otal elimination of int	erior residues and/or
Cleaned By:	C.F	Date 7-1-09	CES Environmental S	Services, Inc., Cleaning Divisit the equipment was improper ervices, Inc., Cleaning Division losses of equipment and/o	on, is in no manner r	in damage or loss.
Inspected By:		Date	Print Name:		Date	
			Signature:			

TANK WASH WORK ORDER

PO # 88463 Customer:	CFS				Date:		
Tractor Address:					Time:		
Trailer / Container Number Dropped By:	Sovier		·		Need	Ву:	
		<u> </u>					
CONTAINER TYPE: TOTE BIN TANK TRAILER ROLL TARP	BOX DOOR BOX	ISO CONTA		POLY TAN	- 0		JM TRUCK
Composite 4		T				Drum / R	
	st Contained	Heel - Hazardous	neei	- NOII-Haz		Druiii / F	IOHOH
1 Waste water							·
2	<u> </u>					 	····
3							
4							
5	WORK PERSONNER		TAN	V ENTOV I	DEDMI		
CLEANING CODES	WORK PERFORMED			K ENTRY I			
1 Air Dry 2 Quick Rinse		Oxygen (19.5% -23.59		#2	_ #3	#4	#5
3 Cold Water Rinse		LEL (<10%) CO ² (<35 ppm)	#1 <u> </u>	#2			#5 #5
4 Hot Water Rinse		Toxic Vapor	#1	#2			#5 #5
5 Steam Only (Per Hour)		Signature:	. "7	" -	_ =====================================	"¬	
6 Steam & Dry		Stripper Usage:	-1				
7 Rinse, Steam & Dry		1	Į.				
8 Detergent Wash, Rinse & Dry		Comments:		/			=
9 Caustic Wash & Dry		\dashv	1				
10 Caustic Wash, Rinse & Dry		7/11/14	3	1			
11 Waste Water Surcharge		7 (7)	d	hose!	,		
12 Solvent Wash (Diesel # Hours)						- 100	
13 Solvent Wash (Stripper)							
14 Exterior Tractor Wash							
15 Exterior Trailer Wash (w/o Internal)						S. Berthall	
16 Exterior Trailer Wash (with Internal)							
17 Exterior Acid Brite Wash		Authorized Addit	ional	Services:	7.	•	
18 Hand Labor (# Men / # Hours)	3						
19 Hydroblaster (# Hours)	· · · · · · · · · · · · · · · · · · ·				 		
20 Solvent Wash (Green Stripper)	·						
21 Passivation							
Hose Cleaning	· · · · · · · · · · · · · · · · · · ·						
Pump Cleaning		CES Environmental Servitoroughness of the tank moisture. Final inspection of release CES Environmental from any allegations that	k washing the equip Services.	procedure or the to nent remains the re Inc., Cleaning Divis	Xal eliminati Esponsibility Sion, from a	ion of interior r of the custom ny responsibilit	esidues and/or er, and they hereb v for claims arisin
Cleaned By:	Date 1-1-09	CES Environmental S	ervices, Ir		on, is in no r	nanner respon	sible for any
Inspected By:	Date	Print Name:	auge	Japan S.	1	Date	78
		Signature:	1	-	***		

TANK WASH WORK ORDER

PO # Customer:	CES			Date: 7-2-0) 🔈
Tractor Address:				Time:	<u> </u>
104					
Trailer / Container Number Dropped B	y:		· · · · · · · · · · · · · · · · · · ·	Need By:	
	BBOSTON				
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK	
☐ TANK TRAILER ☐ ROLL TAR	P BOX	☐ FRAC TANK	POLY TAN	K 🖰 VACU	UM TRUCK
Compartment #	ast Contained	Heel - Hazardous	Heel - Non-Haz	Drum / I	Rolloff
1 gas water					
2					
3					
4					
5					
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry		Oxygen (19.5% -23.5	%) #1 20,17 #2	#3 #4	#5
2 Quick Rinse		LEL (<10%)	#1 0 #2	#3 #4	<u>#5</u>
3 Cold Water Rinse		CO ² (<35 ppm)	#1#2	#3 #4	#5
4 Hot Water Rinse		Toxic Vapor	#1_0 #2 #1_0 #2	#3 #4	#5
5 Steam Only (Per Hour)		Signature	W		
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse & Dry		Comments:			ge;gev. _{ep} .
9 Caustic Wash & Dry					
10 Caustic Wash, Rinse & Dry	· · · · · · · · · · · · · · · · · · ·				
11 Waste Water Surcharge		4			
12 Solvent Wash (Diesel # Hours)					
13 Solvent Wash (Stripper)					
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (w/o Internal)	<u> </u>	_			
16 Exterior Trailer Wash (with Internal)		Authorized Addit	ional Services		
17 Exterior Acid Brite Wash 18 Hand Labor (# Men / # Hours)		- Additionized Additi	Onal Services.		· · · · · · · · · · · · · · · · · · ·
19 Hydroblaster (# Hours)					·
20 Solvent Wash (Green Stripper)					
21 Passivation					
Hose Cleaning					
Pump Cleaning		CES Environmental Serv	ices, Inc., Cleaning Division	makes no guarantees w	th respect to the
		moisture. Final inspection of release CES Environmental	c washing procedure or the to the equipment remains the r Services, Inc., Cleaning Divi t the equipment was imprope	esponsibility of the custor sion, from any responsibi	ner, and they herel ity for claims arisin
Cleaned By:	Date 7-2-09		ervices, Inc., Cleaning Division losses of equipment and/o		
Inspected By:	Date	Print Name:		Data	·
		Naiile			

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO #	Customer:				Date:
		CES			Date: 7.2.9
Tractor	Address:			· · · · · · · · · · · · · · · · · · ·	Time:
Trailer / Container Number	Dropped B	V.			Need By:
228	э.оррос э	,. 	en e		
CONTAINER TYPE:	OTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER C	DRY BULK
TANK TRAILER	ROLL TAP	P BOX VACUUM BOX	☐ FRAC TANK	POLY TAN	K VACUUM TRUCK
Compartment #		_ast Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 W. Water					·
2					
3			·		
4					-
5		: "			W. C. C.
CLEANING CODES		WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry			Oxygen (19.5% -23.5	%) #t <u> </u>	#3 #4 #5
2 Quick Rinse			LEL (<10%)	#1 #2	
3 Cold Water Rinse			CO ² (<35 ppm)	#12_ #2	
4 Hot Water Rinse			Toxic Vapor	, #1 <u>0</u> #2 }E	#3 #4 #5
5 Steam Only (Per Hour)			0.9	<u> </u>	
6 Steam & Dry			Stripper Usage:		
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse 8	& Dry		Comments:	•	
9 Caustic Wash & Dry			-		
10 Caustic Wash, Rinse &			+ to .		
11 Waste Water Surcharge			_		
12 Solvent Wash (Diesel #					
13 Solvent Wash (Stripper) .				
14 Exterior Tractor Wash	/a Internal\				
15 Exterior Trailer Wash (w					
16 Exterior Trailer Wash (w 17 Exterior Acid Brite Was			Authorized Addit	ional Services:	
18 Hand Labor (# Men / #					
19 Hydroblaster (# Hours)	r ioura)				
20 Solvent Wash (Green S	Stripper)	· · · · · · · · · · · · · · · · · · ·			
21 Passivation	шррогу				
Hose Cleaning					
Pump Cleaning			CES Environmental Services of the ten	rices, Inc., Cleaning Division,	makes no guarantees with respect to the otal elimination of interior residues and/or
			moisture. Final inspection of release CES Environmental	the equipment remains the re Services, Inc., Cleaning Divis	esponsibility of the customer, and they hereby sion, from any responsibility for claims arising
Cleaned By:		Date 7- 2- 9	CES Environmental S		orly cleaned, resulting in damage or loss. on, is in no manner responsible for any responsible for any
Incorporated Day		na di Bata	uamages	or reason or equipment distan	i menerias ion in uron yaru.
Inspected By:		Date	Print Name:		Date
			Signature:		

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO #	Customer:	ES			Date:	2-9
Tractor 280	Address:				Time:	
Trailer / Container Number	Dropped By:	arles)			Need By:	
CONTAINER TYPE: T	OTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER C	DRY BULK	
☐ TANK TRAILER ☐	ROLL TARP BOX	VACUUM BOX	☐ FRAC TANK	POLY TAN	K 🔲 VAC	CUUM TRUCK
Compartment #		ontained	Heel - Hazardous	Heel - Non-Haz	Drum	/ Polloff
1 1 Sluds	0			1000	1 47	
2						
3						
4						
5				·		
CLEANING CODES	WC	ORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry			Oxygen (19.5% -23.5	%) #12/ 30	#3 #4_	#5
2 Quick Rinse		<u> </u>	LEL (<10%)	#1 / #2		#5
3 Cold Water Rinse		• • • • • • • • • • • • • • • • • • •	CO ² (<35 ppm)	#1_2 #2		
4 Hot Water Rinse			Toxic Vapor	#1 2 #2	#3 #4_	#5
5 Steam Only (Per Hour)			Signature:	B-19		
6 Steam & Dry			Stripper Usage:			-
7 Rinse, Steam & Dry				* * * * * * * * * * * * * * * * * * * *		.*
8 Detergent Wash, Rinse &	. Dry		Comments:		<u> </u>	
9 Caustic Wash & Dry						
10 Caustic Wash, Rinse & I	Dry					
11 Waste Water Surcharge	1.8					
12 Solvent Wash (Diesel #	Hours)					
13 Solvent Wash (Stripper)			·		. *	
14 Exterior Tractor Wash					· ·	
15 Exterior Trailer Wash (w/	/o Internal)					· •
16 Exterior Trailer Wash (wi	ith Internal)					
17 Exterior Acid Brite Wash	1 /		Authorized Addit	ional Services:		
18 Hand Labor (# Men / # h	Hours)					
19 Hydroblaster (# Hours)						
20 Solvent Wash (Green St	ripper)					
21 Passivation						
Hose Cleaning						
Pump Cleaning			thoroughness of the tan	vices, Inc., Cleaning Division k washing procedure or the	total elimination of inte	rior residues and/or
Cleaned By:	4	Date9	CES Environmental S	the equipment remains the Services, Inc., Cleaning Divis the equipment was improp tervices, Inc., Cleaning Divis or tosses of equipment and/	rision, from any respon erly cleaned, resulting tion, is in no manner re	sibility for claims arising in damage or loss.
Inspected By:		Date	Print Name:		Date	
			Signature:			

CES Environmental Services

TANK WASH WORK ORDER

Container / Tank Cleaning Division 4904 Griggs Rd. Houston, TX 77021 Phone: (713) 676-1460 Fax: (713) 676-1676

PO#	Customer:	CES			Date:	019
Tractor	Address:				Time:	
Trailer / Container Number	Dropped B	y: Rodviguez			Need By:	
CONTAINER TYPE:	TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK	
TANK TRAILER	ROLL TAP	RP BOX	FRAC TANK	POLY TAN	K 🔲 VAC	UUM TRUCK
Compartment #		_ast Contained	Heel - Hazardous	Heel - Non-Haz	Drum /	Rolloff
1000 Te w	ater					
2	- [^ 					
3	,					
4						
5						
CLEANING CODES		WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry			Oxygen (19.5% -23.5	%) #D . D 6#2	#3#4	#5
2 Quick Rinse			LEL (<10%)	#1_0 #2	`.	
3 Cold Water Rinse			CO ² (<35 ppm)	#1 <u>0</u> #2	#3#4	#5
4 Hot Water Rinse			Toxic Vapor	~ #1_ -0 _ #2	#3 #4	#5
5 Steam Only (Per Hour)	.3		Signature:	ν		
6 Steam & Dry			Stripper Usage:			
7 Rinse, Steam & Dry		7				* * * * * * * * * * * * * * * * * * * *
8 Detergent Wash, Rinse	& Dry		Comments:			
9 Caustic Wash & Dry						
10 Caustic Wash, Rinse &	Dry /					
11 Waste Water Surcharg	e /	3				
12 Solvent Wash (Diesel #	Hours)					
13 Solvent Wash (Stripper	r)			•		
14 Exterior Tractor Wash						
15 Exterior Trailer Wash (v	w/o Internal)					
16 Exterior Trailer Wash (v	with Internal)					
17 Exterior Acid Brite Was	sh		Authorized Addit	tional Services:		
18 Hand Labor (# Men / #	Hours)			· · · · · · · · · · · · · · · · · · ·	<u> </u>	,
19 Hydroblaster (# Hours)) -					
20 Solvent Wash (Green S	Stripper)					
21 Passivation	· · ,					
Hose Cleaning						
Pump Cleaning			thoroughness of the tan moisture. Final inspection of release CES Environmental	vices, Inc., Cleaning Division k washing procedure or the t the equipment remains the r Services, Inc., Cleaning Divi t the equipment was improp	total elimination of intering responsibility of the cust ision, from any responsi	or residues and/or omer, and they hereb bility for claims arisin
Cleaned By:	Cor	Date 7 - 4 - 6 9	CES Environmental S	Services, Inc., Cleaning Division losses of equipment and/o	ion, is in no manner res	ponsible for any
Inspected By:		Date	Print Name:		Date	
			Signature:			

CES Environmental Services

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676

TANK WASH WORK ORDER

PO #	Customer: (ES			Date:	a
<u> </u>				7-4-0	1
Tractor	Address:			Time:	
Trailer / Container Number	Dropped By: J. Rad Viauez			Need By:	
CONTAINER TYPE:	OTE BIN ROLL DOOR BOX	☐ ISO CONT	AINIED [DRY BULK	
Z TANK TRAILER	ROLL TARP BOX VACUUM BOX		POLY TAN		UM TRUCK
Compartment #	Last Contained	Heel - Hazardous		Drum / I	
Iwoste ware				·	
					· ·
3					
4		·			
5			· .		· · · · · · · · · · · · · · · · · · ·
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry		Oxygen (19.5% -23.5	%) # 12 0 / 1 /#2	#3#4	#5
2 Quick Rinse		LEL (<10%)	#1_0 #2		#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 <u>0</u> #2		#5 <u></u>
4 Hot Water Rinse		Toxic Vapor	#1_6#2		#5
5 Steam Only (Per Hour)		Signature ** **	· ·		<u> </u>
6 Steam & Dry	2	Stripper Usage:			
7 Rinse, Steam & Dry					<u> </u>
8 Detergent Wash, Rinse &	Dry	Comments:			
9 Caustic Wash & Dry				e de	
10 Caustic Wash, Rinse & I	Dry /			*	
11 Waste Water Surcharge					
12 Solvent Wash (Diesel #	Hours)				
13 Solvent Wash (Stripper)					
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (w.	/o Internal)				
16 Exterior Trailer Wash (wi	ith Internal)				
17 Exterior Acid Brite Wash	1	Authorized Addit	ional Services:		
18 Hand Labor (# Men / # H	Hours)			The second of th	
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green St	tripper)				
21 Passivation					
Hose Cleaning					
Pump Cleaning	10 . 0	thoroughness of the tan moisture. Final inspection of release CES Environmental	ices, Inc., Cleaning Division	otal elimination of interior responsibility of the custor ision, from any responsibi	residues and/or ner, and they hereb lity for claims arising
Cleaned By:	AR Date 7-4-09	CES Environmental S	ervices, Inc., Cleaning Divis or losses of equipment and/o	ion, is in no manner respo	nsible for any
Inspected By:	Date	Print Name:	·	Date	أهيره
		Signature:		and the second second	

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO # Custome				Date:
	CES			7-4-09
Tractor Address:				Time:
Trailer / Container Number Dropped	•			Need By:
234 50	Podriquez_			
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER C	DRY BULK
☐ TANK TRAILER ☐ ROLL TA		FRAC TANK	POLY TAN	K VACUUM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	
1 waste water	<u>en la </u>			
2				
3				
4.				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.5	%) #QG. (! #2	#3 #4 #5 #5 #5 #5 #5 #5 #5 #5 #5 #5 #5 #5 #5
2 Quick Rinse		LEL (<10%)	#1#2	#3 #4 #5
3 Cold Water Rinse	,	CO ² (<35 ppm)	#16_ #2	#3 #4 #5
4 Hot Water Rinse		Toxic Vapor	, #1 _6 _#2	#3 #4 #5
5 Steam Only (Per Hour)		Signature:	2	
6 Steam & Dry		Stripper Usage:	* 1	
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse & Dry		Comments:	-	
9 Caustic Wash & Dry]		
10 Caustic Wash, Rinse & Dry	X			•
11 Waste Water Surcharge				
12 Solvent Wash (Diesel # Hours)			•	
13 Solvent Wash (Stripper)				
14 Exterior Tractor Wash				
15 Exterior Trailer Wash (w/o Internal)				
16 Exterior Trailer Wash (with Internal				
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:	
18 Hand Labor (# Men / # Hours)				
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green Stripper)				
21 Passivation				
Hose Cleaning			4.7	
Pump Cleaning		thoroughness of the tank moisture. Final inspection of release CES Environmental	k washing procedure or the to the equipment remains the re Services, Inc., Cleaning Divi	, makes no guarantees with respect to the otal elimination of interior residues and/or esponsibility of the customer, and they herel sion, from any responsibility for claims arisinarly cleaned, resulting in damage or loss.
Cleaned By:	Date 7-4-09	CES Environmental S		on, is in no manner responsible for any
Inspected By:	Date	Print Name:		Date
		Signature:	·	

TANK WASH WORK ORDER

PO# Cust transportation	tomer:			Date: 7- 6- 9
	ress:			Time:
T 11 / C 11 11 12		<u> </u>		<u></u>
Trailer / Container Number Drop	pped By:	•		Need By:
CONTAINER TYPE: TOTE	BIN ROLL DOOR BOX	☐ ISO CONT	AINED [DRY BULK
	PLL TARP BOX VACUUM BOX	☐ FRAC TANK	POLY TAN	
Compartment #	Last Contained	Heel - Hazardous		Drum / Rolloff
1 light Ends				-
2		*	_	***
3				
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY I	PERMIT
1 Air Dry	1	Oxygen (19.5% -23.5	%) #01 2 #2	#3 #4 #5
2 Quick Rinse		LEL (<10%)	#1_0_#2	
3 Cold Water Rinse		CO ² (<35 ppm)	#1 #2	#3#5
4 Hot Water Rinse		Toxic Vapor	#1_2 #2	_ #3 #4 #5
5 Steam Only (Per Hour)		Signature:	JV	
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry		1		
8 Detergent Wash, Rinse & Dry		Comments:		
9 Caustic Wash & Dry				
10 Caustic Wash, Rinse & Dry			•	4
11 Waste Water Surcharge		1		
12 Solvent Wash (Diesel # Hour	rs)			
13 Solvent Wash (Stripper)		1		
14 Exterior Tractor Wash				
15 Exterior Trailer Wash (w/o Int	ternal)	7		
16 Exterior Trailer Wash (with In	ternal)	. ,		
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:	j.
18 Hand Labor (# Men / # Hours	s)		<u> </u>	
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green Strippe	er)			
21 Passivation			- 2	
Hose Cleaning				
Pump Cleaning		thoroughness of the tank	k washing procedure or the t	makes no guarantees with respect to the stall elimination of interior residues and/or
Cleaned By:	Date 7-6-9	release CES Environmental from any allegations that CES Environmental S	Services, Inc., Cleaning Divi t the equipment was imprope	esponeibility of the customer, and they herel sion, from any responsibility for claims arisin ify cleaned, resulting in damage or loss. on, is in no manner responsible for any r materials left in their yard.
Inspected By:	Date	Print Name:		Date

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO# C	Customer:			Date:
Tractor A	address:		· · · · · · · · · · · · · · · · · · ·	7-7-89 Time:
				unda a ar
Trailer / Container Number D	Propped By:			Need By:
CONTAINER TYPE: TO	TE BIN ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK
TANK TRAILER D	ROLL TARP BOX	☐ FRAC TANK	POLY TAN	K VACUUM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
waste wat	PV			,
2				
3				
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.59	%) #1! #2	#3 #4 #5
2 Quick Rinse		LEL (<10%)	#1 #2	#3#4#5
3 Cold Water Rinse		CO ² (<35 ppm)	# #2	#3#4#5
4 Hot Water Rinse		Toxic Vapor	#1#2	#3#5
5 Steam Only (Per Hour)		Signature:		
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse & D	Ory /	Comments:		
9 Caustic Wash & Dry				
10 Caustic Wash, Rinse & Dr	ry 📝			
11 Waste Water Surcharge				
12 Solvent Wash (Diesel # Ho	ours)			
13 Solvent Wash (Stripper)				
14 Exterior Tractor Wash				
15 Exterior Trailer Wash (w/o				
16 Exterior Trailer Wash (with	n Internal)		ional Comitana	
17 Exterior Acid Brite Wash		Authorized Addit	ionai Services: —	
18 Hand Labor (# Men / # Ho	ours)			
19 Hydroblaster (# Hours)				· **
20 Solvent Wash (Green Strip	pper)			
21 Passivation				· · · · · · · · · · · · · · · · · · ·
Hose Cleaning		CES Environmental Serv	rices. Inc., Cleaning Division	, makes no guarantees with respect to the
Pump Cleaning		thoroughness of the tank moisture. Final inspection of release CES Environmental	k washing procedure or the the equipment remains the Services, Inc., Cleaning Div	total elimination of interior residues and/or responsibility of the customer, and they hereby ision, from any responsibility for claims arising erly cleaned, resulting in damage or loss.
Cleaned By:	J.K Date 7-7-09	CES Environmental S	ervices, Inc., Cleaning Divis	ion, is in no manner responsible for any or materials left in their yard.
Inspected By:	Date	Print Name:		Date
		Signature:		

TANK WASH WORK ORDER

PO#	Customer:		C			Date:	
	,	F				7-7-0	9
Tractor	Address:					Time:	
Trailer / Container Number	Dropped B	/:			• .	Need By:	
409							
CONTAINER TYPE:	TOTE BIN		OLL DOOR BOX	ISO CONT	AINED [DRY BULK	
	ROLL TAR		VACUUM BO		POLY TAN		JUM TRUCK
Compartment #		ast Cont		Heel - Hazardous		T	Rolloff
1 Base nil	1						
2							
3		*******					
4							
5						†	
CLEANING CODES		WORK	PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry				Oxygen (19.5% -23.5	%) # %	#3#4	#5
2 Quick Rinse				LEL (<10%)	#1_0 #2	#3 #4	#5
3 Cold Water Rinse				CO ² (<35 ppm)	#1#2	#3 #4	#5
4 Hot Water Rinse				Toxic Vapor	*1 0 #2	#3 #4	#5
5 Steam Only (Per Hour)				Signature	, ,	·	
6 Steam & Dry				Stripper Usage:			
7 Rinse, Steam & Dry							
8 Detergent Wash, Rinse	& Dry			Comments:			
9 Caustic Wash & Dry							
10 Caustic Wash, Rinse &	Dry						
11 Waste Water Surcharge	e /		7.1				
12 Solvent Wash (Diesel #	Hours)						
13 Solvent Wash (Stripper	r)			······································			
14 Exterior Tractor Wash		<u>.</u>					
15 Exterior Trailer Wash (v	w/o Internal)	·					
16 Exterior Trailer Wash (v	with Internal)						
17 Exterior Acid Brite Was	sh			Authorized Addit	tional Services:_		
18 Hand Labor (# Men / #	Hours)	<u> </u>					
19 Hydroblaster (# Hours)							
20 Solvent Wash (Green S	Stripper)	·			-	:: 	· · · · · · · · · · · · · · · · · · ·
21 Passivation							
Hose Cleaning							
Pump Cleaning				thoroughness of the tan moisture. Final inspection of release CES Environmental from any allegations tha	rices, Inc., Cleaning Division k washing procedure or the the equipment remains the Services, Inc., Cleaning Divit the equipment was improp	total elimination of interior responsibility of the cust vision, from any responsi	or residues and/or omer, and they here bility for claims arisin
Cleaned By:	C.Y.	Dat	e7-7-0	CES Environmental S	dervices, Inc., Cleaning Divisor losses of equipment and	sion, is in no manner res	ponsible for any
Inspected By:		Dat	te	Print Name:		Date	

CES Environmental Services

TANK WASH WORK ORDER

Container / Tank Cleaning Division 4904 Griggs Rd. Houston, TX 77021 Phone: (713) 676-1460 Fax: (713) 676-1676

PO # Custome	and the second of			Date:
	CES	· .		7-7-09
Tractor Address				Time:
Trailer / Container Number Dropped	Ву:			Need By:
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK
TANKTRAILER ROLLT		☐ FRAC TANK	POLY TAN	
Compartment #	Last Contained	Heel - Hazardous		Drum / Rolloff
1 Base Oil				
2				
3				- N
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry		Ovvicen (19.5% -23.5%	%) #10,01 #2) _{0,1}	
2 Quick Rinse		LEL (<10%)	#1 \ #2 A	#3 0 #4 #5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 0 #2 7	#3_0 #4_ #5 #3_6 #4_ #5
4 Hot Water Rinse		Toxic Vapor	#1 <u>4</u> #2 <u>7</u> 0	_ #3 #4 #5
5 Steam Only (Per Hour)		Signature: 🛴		<u> </u>
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry	1			
8 Detergent Wash, Rinse & Dry		Comments:		
9 Caustic Wash & Dry	7			
10 Caustic Wash, Rinse & Dry	1			
11 Waste Water Surcharge				
12 Solvent Wash (Diesel # Hours)		7		
13 Solvent Wash (Stripper)				
14 Exterior Tractor Wash				
15 Exterior Trailer Wash (w/o Interna	0)			
16 Exterior Trailer Wash (with Interna	11)			
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:	<u> </u>
18 Hand Labor (# Men / # Hours)				
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green Stripper)				
21 Passivation				
Hose Cleaning				
Pump Cleaning		thoroughness of the tank	c washing procedure or the to	makes no guarantees with respect to the otal elimination of interior residues and/or
		moisture. Final inspection of release CES Environmental	the equipment remains the re Services, Inc., Cleaning Divis	sponsibility of the customer, and they hereby sion, from any responsibility for claims arising try cleaned, resulting in damage or loss.
Cleaned By: S /,	Date <u>7 - 7 - 0 9</u>		ervices, Inc., Cleaning Division losses of equipment and/o	on, is in no manner responsible for any r materials left in their yard.
Inspected By:	Date	Print Name:		Date
		Signature:		

CES Environmental Services

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676

TANK WASH WORK ORDER

PO#	Customer:	<i>c</i>			,	Date:	1 -1	1.0
RII	CEC	7		<u> </u>		71	11	0
Tractor	Address:					Time:	1	
Trailer / Container Number	er Dropped By	•	· · · · · · · · · · · · · · · · · · ·			Need E	310	
416	ei Diopped by					INCEG L		
CONTAINER TYPE:	_ <u></u>	ROLL DOOR BOX				DRY B		
TANK TRAILER	ROLL TARE				OLY TAN			UM TRUCK
Compartment #	L	ast Contained	Heel - Hazardous	Heel - 1	Von-Haz		Orum / F	Rolloff
1 BAJ 0.1				<u> </u>		ļ <u>.</u>		
2	·			[
3	· · · · · · · · · · · · · · · · · · ·					1		
4								
5								
CLEANING CODES	3	WORK PERFORMED)	TANK	ENTRY	PERMIT	•	
1 Air Dry			Oxygen (19.5% -23.5					
2 Quick Rinse		· · · · · · · · · · · · · · · · · · ·	LEL (<10%)		#2			
3 Cold Water Rinse		Taker State of State	CO ² (<35 ppm)		#2			
4 Hot Water Rinse -			Toxic Vapor		#2		#4	#5
5 Steam Only (Per Hour	r)		Signature:					
6 Steam & Dry			Stripper Usage:					
7 Rinse, Steam & Dry					· · · · · · · · · · · · · · · · · · ·			-
8 Detergent Wash, Rins	e & Dry	<u> </u>	Comments:		•			
9 Caustic Wash & Dry								
10 Caustic Wash, Rinse								
11 Waste Water Surcha								
12 Solvent Wash (Diese			· · · · · · · · · · · · · · · · · · ·					
13 Solvent Wash (Stripp								
14 Exterior Tractor Wasl					•			
15 Exterior Trailer Wash								
16 Exterior Trailer Wash								
17 Exterior Acid Brite W			Authorized Addi	tional Se	rvices: —			·
18 Hand Labor (# Men /		:		······································		-		
19 Hydroblaster (# Hou								,
20 Solvent Wash (Green	n Stripper)							
21 Passivation						<u> </u>		
Hose Cleaning			050 50000000000000000000000000000000000	dana lan Ola	anina Divinian			L
Pump Cleaning			CES Environmental Ser thoroughness of the tar moisture. Final inspection of release CES Environmental from any allegations the	the equipment Services, Inc.	t remains the r . Cleaning Divi	esponsibility of sion, from any	of the custom / responsibili	er, and they herel tv for claims arisir
Cleaned By: C.P.	<u>) K</u>	Date 7-0_	CES Environmental s damages	Services, Inc., or losses of ec	Cleaning Divisi juipment and/o	on, is in no m or materials le	anner respor It in their yard	nsible for any 1.
Inspected By:		Date	Print Name:			D	ate	
			Signature:				-	**

TANK WASH WORK ORDER

PO #	Customan		- 7		Detail /
PO# - 12.11	Customer:	4			Date: / 7 / 19
Tractor					Time:
Tractor	Address:		e e		Time:
Trailer / Container Number	Dropped B	· · · · · · · · · · · · · · · · · · ·			Need By:
Halloy, Gornamor Hambor	Вторреа В	, .			Nocu by.
CONTAINER TYPE:	TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK
<i>I</i>	ROLL TAR		FRAC TANK	POLY TAN	
Compartment #	777	ast Contained	Heel - Hazardous	·.	
1 RAW 0.					
2					
3		,			
4		· · · · · · · · · · · · · · · · · · ·		·	
5	· ·				
CLEANING CODES		WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry			Oxygen (19.5% -23.5	%) #1 #2	
2 Quick Rinse			LEL (<10%)	•	#3 #4 #5
3 Cold Water Rinse		je et al. je et	CO ² (<35 ppm)		
4 Hot Water Rinse	/	n, min regular, promonento e	Toxic Vapor		#3 #4 #5
5 Steam Only (Per Hour)			Signature:		
6 Steam & Dry	,		Stripper Usage:		
7 Rinse, Steam & Dry					· · · · · · · · · · · · · · · · · · ·
8 Detergent Wash, Rinse	& Dry		Comments:		
9 Caustic Wash & Dry					
10 Caustic Wash, Rinse &	Dry /			,	
11 Waste Water Surcharge	• 🗸				•
12 Solvent Wash (Diesel #	Hours)				
13 Solvent Wash (Stripper)				
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (v	v/o Internal)				
16 Exterior Trailer Wash (v	vith Internal)				
17 Exterior Acid Brite Was	h		Authorized Addit	tional Services: _	
18 Hand Labor (# Men / #	Hours)				
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green S	Stripper)				
21 Passivation					
Hose Cleaning		······································	050 5- 1	diameter District	
Pump Cleaning			moisture. Final inspection of release CES Environmental	the equipment remains the Services, Inc., Cleaning Div	n, makes no guarantees with respect to the total elimination of interior residues and/or responsibility of the customer, and they hereby rision, from any responsibility for claims arising serfy cleaned, resulting in damage or loss.
Cleaned By:	3 V	Date 2 9 - 0 7	CES Environmental S	services, Inc., Cleaning Divis	sion, is in no manner responsible for any or materials left in their yard.
Inspected By:		Date	Print Name:		Date
A garage			i initi i i i i i i i i i i i i i i i i		Dalo
			Signature:		
		en e	ng Askina a Marka		

CES Environmental Services

TANK WASH WORK ORDER

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676

PO# 176	Customer:	5					Date:	17/	09
Tractor	Address:						Time:		
Trailer / Container Number	Dropped B	Sy:					Need	Ву:	
CONTAINER TYPE: TANK TRAILER	TOTE BIN	ROLL DO	OR BOX	☐ ISO CONTA			DRY E		JM TRUCK
Compartment #		Last Contained		Heel - Hazardous	Heel -	Non-Haz		Drum / R	olloff
1 Sport Courte									
2									
3	,								
4				·		· ·			
5									
CLEANING CODES		WORK PERFO	ORMED		TANK	ENTRY	PERMIT		
1 Air Dry				Oxygen (19.5% -23.5%	%) #1 ⁻	#2	#3_	#4	#5
2 Quick Rinse				LEL (<10%)	,	#2		_	
3 Cold Water Rinse				CO ² (<35 ppm)		#2			
4 Hot Water Rinse				Toxic Vapor	#1	#2	#3	#4	#5
5 Steam Only (Per Hour)				Signature:					
6 Steam & Dry				Stripper Usage:					
7 Rinse, Steam & Dry				1					
8 Detergent Wash, Rinse 8	≩ Dry			Comments:		:	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
9 Caustic Wash & Dry		/							
10 Caustic Wash, Rinse &	Dry /								
11 Waste Water Surcharge									
12 Solvent Wash (Diesel #	Hours)			· ·					
13 Solvent Wash (Stripper)								
14 Exterior Tractor Wash									
15 Exterior Trailer Wash (w	/o Internal)								
16 Exterior Trailer Wash (w	ith Internal)	·							
17 Exterior Acid Brite Was	h			Authorized Addit	ional S	ervices:			
18 Hand Labor (# Men / #	Hours)								
19 Hydroblaster (# Hours)									
20 Solvent Wash (Green S	tripper)		·						
21 Passivation	·			•			· · · · · · · · · · · · · · · · · · ·		····
Hose Cleaning							25.5		
Pump Cleaning Cleaned By:	IR	Date ⁷ -9-	09	CES Environmental Servi thoroughness of the tame moisture. Final inspection of release CES Environmental of from any allegations that CES Environmental Servi damages of	washing pro he equipme Services, Inc. the equipmervices, Inc.	ocedure or the to nt remains the re c., Cleaning Divis ent was imprope	tal elimination sponsibility sion, from an rly cleaned, on, is in no m	on of interior re of the custome by responsibility resulting in da nanner respon	esidues and/or er, and they hereby for claims arisin mage or loss. sible for any
Inspected By:		Date		Print Name:				Date	
				Signature:	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	· · ·		

CES Environmental Services

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676

TANK WASH WORK ORDER

PO # C	ustomer:					Date:	/ -,	1.9
V 00 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	· · ·					_ /	<u> </u>	01
Tractor	ddress:					Time:		
Trailer / Container Number D	ropped B	y:				Need	Ву:	
CONTAINER TYPE: TO	TE BIN	ROLL DOOR BOX	ISO CONT	AINER		DRY	BULK	
TANK TRAILER D	ROLL TAR	P BOX	X FRAC TANK		POLY TAN	K [VACUL	JM TRUCK
Compartment #	L	_ast Contained	Heel - Hazardous	Heel -	Non-Haz		Drum / R	olloff
1 Sport Bushe							•	
2								
3								
4								
5								
CLEANING CODES		WORK PERFORMED		TANK	(ENTRY I	PERMI	T	
1 Air Dry			Oxygen (19.5% -23.5	%) #1:	#2	#3	#4	#5
2 Quick Rinse	, inc.		LEL (<10%)	#1	#2	_ #3	#4	#5
3 Cold Water Rinse		MQ.F	©O ² (<35 ppm)		#2			#5
4 Hot Water Rinse			Toxic Vapor	#1	#2	_ #3	#4	#5
5 Steam Only (Per Hour)			Signature:					
6 Steam & Dry			Stripper Usage:		·		. *	
7 Rinse, Steam & Dry								<u> </u>
8 Detergent Wash, Rinse & D)ry		Comments:					
9 Caustic Wash & Dry		<u> </u>						
10 Caustic Wash, Rinse & Dr	у /							
11 Waste Water Surcharge	/						-	
12 Solvent Wash (Diesel # Ho	ours)							
13 Solvent Wash (Stripper)								
14 Exterior Tractor Wash								
15 Exterior Trailer Wash (w/o	Internal)							
16 Exterior Trailer Wash (with	Internal)						•	
17 Exterior Acid Brite Wash			Authorized Addit	ional S	ervices:			
18 Hand Labor (# Men / # Ho	ours)	*						
19 Hydroblaster (# Hours)								
20 Solvent Wash (Green Strip	oper)							
21 Passivation								
Hose Cleaning								
Pump Cleaning			CES Environmental Servitoroughness of the tan	r washina n	rocedure or the to	ntal aliminati	ion of interior m	aeidues and/or
Cleaned By:	スパ	Date	moisture. Final inspection of release CES Environmental from any allegations that CES Environmental Sdamages	ervices, Inc		on, is in no i	manner respon	sible for any
Inspected By:							•	
			Signature:					

vironmental Services // Tank Cleaning Division

.r/Tank Cleaning Division ariggs Rd. • Houston, TX 77021 .one: (713) 676-1460 • Fax: (713) 676-1676

The state of the s	
Customer:	Date:
Tractor Address:	Time:
111	12:36 PM
Trailer / Container Number Dropped By:	Need By:
2484 Grey Lyon.	5
CONTAINER TYPE: TOTE BIN ROLL DOOR BOX	☐ ISO CONTAINER ☐ DRY BULK
TANK TRAILER ROLL TARP BOX VACUUM BOX	☐ FRAC TANK ☐ POLY TANK ☐ VACUUM TRUCK
Compartment # Last Contained	Heel - Hazardous Heel - Non-Haz Drum / Rolloff
1 Altac	
2	
3	
4	
5	
CLEANING CODES WORK PERFORMED	TANK ENTRY PERMIT
1 Air Dry	Oxygen (19.5% -23.5%) # 2 #3 #4 #5
2 Quick Rinse	LEL (<10%) #1 #2 #3 #4 #5
3 Cold Water Rinse	CO ² (<35 ppm) #1 #2 #3 #4 #5
4 Hot Water Rinse	Toxic Vapor #1 #2 #3 #4 #5
5 Steam Only (Per Hour)	Signature:
6 Steam & Dry	Stripper Usage:
7 Rinse, Steam & Dry	
8 Detergent Wash, Rinse & Dry	Comments:
9 Caustic Wash & Dry	
10 Caustic Wash, Rinse & Dry	
11 Waste Water Surcharge	
12 Solvent Wash (Diesel # Hours)	
13 Solvent Wash (Stripper)	
14 Exterior Tractor Wash	
15 Exterior Trailer Wash (w/o Internal)	
16 Exterior Trailer Wash (with Internal)	•
17 Exterior Acid Brite Wash	Authorized Additional Services:
18 Hand Labor (# Men / # Hours)	
19 Hydroblaster (# Hours)	
20 Solvent Wash (Green Stripper)	
21 Passivation	
Hose Cleaning	
Pump Cleaning	CES Environmental Services, Inc., Cleaning Division, makes no guarantees with respect to the thoroughness of the tank washing procedure or the total elimination of interior residues and/or moisture. Final inspection of the equipment remains the responsibility of the customer, and they hereby release CES Environmental Services, Inc., Cleaning Division, from any responsibility for claims arising from any allegations that the equipment was improperly cleaned, resulting in damage or loss.
Cleaned By: A SR Date 7-1-0 9	CES Environmental Services, Inc., Cleaning Division, is in no manner responsible for any damages or losses of equipment and/or materials left in their yard.
Inspected By: Date	Print Name: U-43 Lyon) Date
	Signature:



TANK WASH WORK ORDER

Lamber + Cus	stomer: Cheniek		Date: 7/6/09
Tractor	dress:		Time: 1210
Trailer / Container Number Dro	inned By: ~		Need By:
8475	pped By: Greg Lyons		ASAR
CONTAINER TYPE: TOTE	E BIN ROLL DOOR BOX	☐ ISO CONTAINER	DRY BULK
TANK TRAILER TO RO	OLL TARP BOX VACUUM BOX	FRAC TANK POLY TA	NK
Compartment #	Last Contained	Heel - Hazardous Heel - Non-Haz	z Drum / Rolloff
1 PEG 145	O		
2			
3			
4			
5			
CLEANING CODES	WORK PERFORMED	TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.5%) #10, 10#2	#3 #4 #5
2 Quick Rinse		LEL (<10%) #1 #2	#3 #4 #5
3 Cold Water Rinse	SALE OF THE SECOND OF THE SECO	CO ² (<35 ppm) #1 #2 #2	
4 Hot Water Rinse		Toxic Vapor #1 #2 #2	#3 #4 #5
5 Steam Only (Per Hour)		Signature:) / C	
6 Steam & Dry		Stripper Usage:	
7 Rinse, Steam & Dry			
8 Detergent Wash, Rinse & Dry		Comments:	
9 Caustic Wash & Dry			
10 Caustic Wash, Rinse & Dry	1		
11 Waste Water Surcharge	/		
12 Solvent Wash (Diesel # Hou	irs)		n de la companya del companya de la companya del companya de la co
13 Solvent Wash (Stripper)			
14 Exterior Tractor Wash		1	
15 Exterior Trailer Wash (w/o In	iternal)		
16 Exterior Trailer Wash (with I		1	
17 Exterior Acid Brite Wash		Authorized Additional Services:	74
18 Hand Labor (# Men / # Hou	rs)	1	
19 Hydroblaster (# Hours)			
20 Solvent Wash (Green Stripp	er)		
21 Passivation		1	
Hose Cleaning			
Pump Cleaning		CES Environmental Services, Inc., Cleaning Division	
	\mathcal{D}	thoroughness of the tank washing procedure or th moisture. Final inspection of the equipment remains th release CES Environmental Services, Inc., Cleaning D from any allegations that the equipment was impro	e responsibility of the customer, and they hereby ivision, from any responsibility for claims arising
Cleaned By:	1(. Date 7 . 7 . 9	CES Environmental Services, Inc., Cleaning Div damages or losses of equipment and	rision, is in no manner responsible for any d/or materials left in their yard.
Inspected By:	Date	Print Name: 6 res Lyon	S Date 7/6/09
		Signature:	
	and the second s		

PO # Customer:	KL CHEMP	AK		Date: 7-9-09
Tractor Address:	,,	///		Time:
254 Address: 4	ESTER	PA		0700
Trailer / Container Number Dropped B	V:			Need By:
3054	BILLY			ASAP
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONTA	AINER [DRY BULK
TANK TRAILER ROLL TAR		☐ FRAC TANK	POLY TAN	√ VACUUM TRUCK
Compartment #	ast Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 TDA 8.5		7		
2 TDA 3				
3 TDA 3				
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY F	PERMIT
1 Air Dry		Owigen /10 5% -23 59		
2 Quick Rinse		LEL (<10%)	6) #120,7 7 8 e #1 0 #2 D	#3_0_#4#5
3 Cold Water Rinse		CO ² (<35 ppm)		#3#4#5
4 Hot Water Rinse		Toxic Vapor	•	#3#4#5
5 Steam Only (Per Hour)		Signature:) :	
6 Steam & Dry		Stripper Usage:	-	
7 Rinse, Steam & Dry		-		
8 Detergent Wash, Rinse & Dry		Comments:		
9 Caustic Wash & Dry				
10 Caustic Wash, Rinse & Dry				
11 Waste Water Surcharge		1		
12 Solvent Wash (Diesel # Hours)				
13 Solvent Wash (Stripper)				
14 Exterior Tractor Wash				
15 Exterior Trailer Wash (w/o Internal)				en e
16 Exterior Trailer Wash (with Internal)	<u> </u>	1		
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:	
18 Hand Labor (# Men / # Hours)		7	· ·	
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green Stripper)				
21 Passivation				
Hose Cleaning			···	
Pump Cleaning		CES Environmental Serv	ices, Inc., Cleaning Division,	makes no guarantees with respect to the
Cleaned BCP A 12.	Date 7 G 10 Q	moisture. Final inspection of release CES Environmental from any allegations that	the equipment remains the re Services, Inc., Cleaning Divis the equipment was imprope	otal elimination of interior residues and/or esponsibility of the customer, and they hereby sion, from any responsibility for claims arising try cleaned, resulting in damage or loss. on, is in no manner responsible for any
//		damages o	r losses of equipment and/o	r materials left in their yard.
Inspected By:	Date	Print Name	,	973 bate 7-9-09
		Signature 2	1.2/	5———

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021

Phone: (713) 676-1460 • Fax: (713) 676-1676

TANK WASH WORK ORDER

PO# Cu	stomer:			Date:	1
T	Dag Tuday	**			· · · · · · · · · · · · · · · · · · ·
Tractor Add	dress:			Time: 15 0 d	
Trailer / Container Number Dro	pped By:			Need By	
CONTAINER TYPE: TOTI	E BIN ROLL DOOR BOX	ISO CONT	AINER C	DRY BULK	
TANK TRAILER R	OLL TARP BOX	☐ FRAC TANK	POLY TAN	K 🔲 VACUI	JM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / F	Rolloff
1 North Calbur					
2W/12 Cain					
3				,	
4					
5					
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry		Oxygen (19.5% -23.5%	%) #P 1. 0 #2	#3#4	#5
2 Quick Rinse		LEL (<10%)	#1 <u>0</u> #2	#3 #4	#5 <u></u>
3 Cold Water Rinse		CO ² (<35 ppm)	#1#2	#3 #4	#5
4 Hot Water Rinse		Toxic Vapor	#1 #2	#3 #4	#5
5 Steam Only (Per Hour)		Signature:	ST		
6 Steam & Dry	2.	Stripper Usage:			
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse & Dry	,	Comments:	· · · · · · · · · · · · · · · · · · ·		
9 Caustic Wash & Dry				*	•
10 Caustic Wash, Rinse & Dry					
11 Waste Water Surcharge				•	
12 Solvent Wash (Diesel # Hou	ırs)				
13 Solvent Wash (Stripper)					
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (w/o Ir	nternal)				
16 Exterior Trailer Wash (with I	nternal)				
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:		
18 Hand Labor (# Men / # Hou	rs)		·		***
19 Hydroblaster (# Hours)			<u> </u>		
20 Solvent Wash (Green Stripp	per)			-	
21 Passivation					
Hose Cleaning					,
Pump Cleaning	712	thoroughness of the tank moisture. Final inspection of release CES Environmental	ices, Inc., Cleaning Division, washing procedure or the to the equipment remains the n Services, Inc., Cleaning Divit the equipment was improper	otal elimination of interior esponsibility of the custom sion, from any responsibili	residues and/or er, and they hereb tv for claims arisin
Cleaned By: 57	Date 7-1-9	CES Environmental S	ervices, Inc., Cleaning Division losses of equipment and/o	ion, is in no manner respon	nsible for any
Inspected By:	Date	Print Name:		Date	
		Signature:			

TANK WASH WORK ORDER

PO # Custor	mer: Fredird			Date: 6-26-9
Tractor Addres				Time:
024				
Trailer / Container Number Droppe	ed By: Ponch		•	Need By:
CONTAINER TYPE: TOTE B	IN ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK
	TARP BOX	☐ FRAC TANK	POLY TAN	
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 Methyl Este	rlitch.			
2				
3				
4	<u> </u>			
5	andre de la companya de la companya La companya de la co			
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.5	%) #D[#3 #4 #5
2 Quick Rinse		LEL (<10%)		#3#4#5
3 Cold Water Rinse		CO ² (<35 ppm)	5.	#3#4#5
4 Hot Water Rinse		Toxic Vapor		#3 #4 #5
5 Steam Only (Per Hour)		Signature:	7E	
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse & Dry		Comments:		c wash of Hotwater
9 Caustic Wash & Dry			caust.	" di dicater
10 Caustic Wash, Rinse & Dry			1	HO TWO
11 Waste Water Surcharge			4 Ki	Sw 619
12 Solvent Wash (Diesel # Hours)	And the second s		¢.3	
13 Solvent Wash (Stripper)		4		
14 Exterior Tractor Wash				
15 Exterior Trailer Wash (w/o Inter		-		
16 Exterior Trailer Wash (with Inter	rnal) 🗶	Authorized Addit	ional Candoos	
17 Exterior Acid Brite Wash		Authorized Addin	ional Services. —	
18 Hand Labor (# Men / # Hours)				
19 Hydroblaster (# Hours)20 Solvent Wash (Green Stripper)				
21 Passivation				
Hose Cleaning				· · · · · · · · · · · · · · · · · · ·
Pump Cleaning		thoroughness of the tan moisture. Final inspection of	k washing procedure or the t	, makes no guarantees with respect to the total elimination of interior residues and/or, responsibility of the customer, and they hereby
Cleaned By:	Date 6.27-9	from any allegations that CES Environmental S	t the equipment was improp services, Inc., Cleaning Divis	ision, from any responsibility for claims arising only cleaned, resulting in damage or loss. ion, is in no manner responsible for any or materials left in their yard.
Inspected By:	Date	Print Name:		Date
		Signature:		



TANK WASH WORK ORDER

PO # Cus	tomer:			Date:	
	FIREBIRD			049609	
Tractor Add	lress:			Time:	
837					
Trailer / Container Number Drop	oped By:			Need By:	
352	Our Gen				
CONTAINER TYPE: TOTE	BIN ROLL DOOR BOX	☐ ISO CONT/	AINER [DRY BULK	
	OLL TARP BOX VACUUM BOX	☐ FRAC TANK	POLY TAN		UM TRUCK
Compartment #	Last Contained	Heel - Hazardous		Drum / I	
1 FOTTX ACIO	1			·	
2					
3					
4					
5					
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry	FATTUCKIDESTERS	Oxygen (19.5% -23.5%	6) #12 o. of #2	#3#4	#5
2 Quick Rinse		LEL (<10%)	#1_0_ #2		#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1#2	#3 #4	#5
4 Hot Water Rinse		Toxic Vapor	_ #1 <u>1</u> #2	#3 #4	#5
5 Steam Only (Per Hour)		Signature 2	<i>,</i>		
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry		·			<i>y</i>
8 Detergent Wash, Rinse & Dry		Comments:		•	
9 Caustic Wash & Dry					2
10 Caustic Wash, Rinse & Dry				1	
11 Waste Water Surcharge		1			1 44 C
12 Solvent Wash (Diesel # Hour	rs)	_			
13 Solvent Wash (Stripper)					in the second second
14 Exterior Tractor Wash		_			
15 Exterior Trailer Wash (w/o Int		4			
16 Exterior Trailer Wash (with In	iternal)			· · · · · · · · · · · · · · · · · · ·	
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:		
18 Hand Labor (# Men / # Hours	s)		,		
19 Hydroblaster (# Hours)		<u> </u>			<u> </u>
20 Solvent Wash (Green Strippe	er)				· · · · · · · · · · · · · · · · · · ·
21 Passivation		:		<u> </u>	
Hose Cleaning		CES Environmental Serv	ices, Inc., Cleaning Division,	makes no quarantees w	ith respect to the
Pump Cleaning Cleaned By:	P Date 26-09	thoroughness of the tank moisture. Final inspection of t release CES Environmental from any allegations that	washing procedure or the to the equipment remains the n	otal elimination of interior esponsibility of the custor sion, from any responsibi enty cleaned, resulting in c	residues and/or mer, and they hereby lity for claims arising tamage or loss.
Organica by.	Jacob	damages o	r losses of equipment and/o	r materials left in their ya	rd.
Inspected By:	Date	Print Name:		Date	
		Signature:			

TANK WASH WORK ORDER

PO # Cust	tomer: /			Date
	Je Bird			6/00 /09
Tractor Add	ress:			Time: , , , , , , , , , , , , , , , , , , ,
Trailer / Container Number Drop	oped By:			Need By:
CONTAINER TYPE: TOTE	BIN ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK
TANK TRAILER RO	LL TARP BOX	☐ FRAC TANK	POLY TAN	K VACUUM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
Afteriote Vale	Cal-d			
2				
3				
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.5	%) (1) . O #2	#3 #4 #5
2 Quick Rinse		LEL (<10%)	#1	#3#4#5
3 Cold Water Rinse	A STATE OF THE STA	CO ² (<35 ppm)	#1 #2	#3#4#5
4 Hot Water Rinse		Toxic Vapor	#1_0#2	#3#4#5
5 Steam Only (Per Hour)		Signature:	76	
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse & Dry	7	Comments:		
9 Caustic Wash & Dry				
10 Caustic Wash, Rinse & Dry		W/		
11 Waste Water Surcharge			1051.c	
12 Solvent Wash (Diesel # Hour	s)] (/	101	
13 Solvent Wash (Stripper)		-		
14 Exterior Tractor Wash				
15 Exterior Trailer Wash (w/o Int	ernal)			
16 Exterior Trailer Wash (with In	ternal)			
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:	
18 Hand Labor (# Men / # Hours	s)			
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green Strippe	er)			
21 Passivation				
Hose Cleaning				
Pump Cleaning		thoroughness of the tank moisture. Final inspection of release CES Environmental	washing procedure or the to the equipment remains the re Services, Inc., Cleaning Divi	makes no guarantees with respect to the otal elimination of interior residues and/or esponsibility of the customer, and they hereb sion, from any responsibility for claims arising
Cleaned By:	Date 0:30-9	GES Environmental S		orly cleaned, resulting in damage or loss. on, is in no manner responsible for any r materials left in their yard.
Inspected By:	Date	Print Name:		Date
		Signature:		

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO #	10				In a l	1
PO#	Customer:	1.			Date: / 30 /	09
Tractor	Address:	V :	·		Time:	~ 1.
233					9:55	
Trailer / Container Number	Dropped By:	Well the			Need By:	
	/	1 at lay We	<u></u>			
CONTAINER TYPE:	_	H ROLL DOOR BOX	ISO CONTA		DRY BULK	•
☐ TANK TRAILER ☐	ROLL TARP		FRAC TANK	POLY TAN	T	UM TRUCK
Compartment #	<u>La</u>	st Contained	Heel - Hazardous	Heel - Non-Haz	Drum /	Rolloff
1 NIW / HAZ	MASTE					
2 /	·			: .		
3						
4	·		·			
5						
CLEANING CODES		WORK PERFORMED		TANK ENTRY I	PERMIT	
1 Air Dry	<u> </u>		Oxygen (19.5% -23.59		#3 #4	#5
2 Quick Rinse			LEL (<10%)	#1_70_#2		
3 Cold Water Rinse		1979 and 1	CO ² (<35 ppm)	#1 <u>6</u> #2	_ #3 #4	
4 Hot Water Rinse			Toxic Vapor	#1 <u>10</u> #2	#3#4	#5
5 Steam Only (Per Hour)		· · · · · · · · · · · · · · · · · · ·	Signature:			
6 Steam & Dry		y Comment of the Comm	Stripper Usage:			
7 Rinse, Steam & Dry			Comments:			<u> </u>
8 Detergent Wash, Rinse	& Dry	<u> </u>				
9 Caustic Wash & Dry	9. Dm.		· · ·			*
10 Caustic Wash, Rinse &						
11 Waste Water Surcharg 12 Solvent Wash (Diesel						
			- 			
13 Solvent Wash (Strippe 14 Exterior Tractor Wash	A)					
15 Exterior Trailer Wash (w/o Internal)	<u> </u>				
16 Exterior Trailer Wash (<u></u>			
17 Exterior Acid Brite Wa			Authorized Addit	ional Services:		
18 Hand Labor (# Men / #				· -		
19 Hydroblaster (# Hours						
20 Solvent Wash (Green	·				· · · · · · · · · · · · · · · · · · ·	
21 Passivation						•
Hose Cleaning					22 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Pump Cleaning			CES Environmental Serv	ices, Inc., Cleaning Division, washing procedure or the to	makes no guarantees w	ith respect to the
			moisture. Final inspection of release CES Environmental	the equipment remains the n Services, Inc., Cleaning Divi the equipment was imprope	esponsibility of the custor sion, from any responsibi	ner, and they heret lity for claims arisin
Cleaned By:	<u>CP</u>	Date	GES Environmental S damages o	ervices, Inc., Cleaning Divisi or losses of equipment and/o	on, is in no manner respo r materials left in their ya	onsible for any
Inspected By:		Date	Print Name:		Date	· ·
			Signature:			

TANK WASH WORK ORDER

PO #	Customer:		Date: 30 / 1
Trooter			
Tractor 220	Address:		Time: /5.13
Trailer / Çontainer Number	Dropped By:/		Need By:
30/	Bruch Phi		
CONTAINER TYPE:	TOTE BIN ROLL DOOR BOX	☐ ISO CONTAINER	DRY BULK
TANK TRAILER	ROLL TARP BOX VACUUM BOX	☐ FRAC TANK ☐ POLY TAI	NK
Compartment #	Last Contained	Heel - Hazardous Heel - Non-Haz	
10,401 540	e Committee of the comm		
2			
3	s .		
4			
5			
CLEANING CODES	WORK PERFORMED	TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.5%) #2/ 0 #2	
2 Quick Rinse			#3#4#5
3 Cold Water Rinse			#3#5
4 Hot Water Rinse		Toxic Vapor #1 #2	
5 Steam Only (Per Hour)		Signature: JE	de la companya de la
6 Steam & Dry		Stripper Usage:	
7 Rinse, Steam & Dry			
8 Detergent Wash, Rinse 8	& Dry	Comments:	
9 Caustic Wash & Dry		1	
10 Caustic Wash, Rinse &	Dry	Ext. wash	Per Drive
11 Waste Water Surcharge		7 5%. W	
12 Solvent Wash (Diesel #	# Hours)	1	
13 Solvent Wash (Stripper	r)	CRASH BOY	
14 Exterior Tractor Wash			
15 Exterior Trailer Wash (v	w/o Internal)	7	ACK)
16 Exterior Trailer Wash (v	with Internal)	1 Consider Co	1 3 1
17 Exterior Acid Brite Was		Authorized Additional Services:	
18 Hand Labor (# Men / #	Hours)	· ·	
19 Hydroblaster (# Hours)			
20 Solvent Wash (Green S	Stripper)		
21 Passivation			
Hose Cleaning			
Pump Cleaning		CES Environmental Services, Inc., Cleaning Division thoroughness of the tank washing procedure or the	on, makes no guarantees with respect to the a total elimination of interior residues and/or
Cleaned By: SE	Date 7-1-9	moisture. Final inspection of the equipment remains the release CES Environmental Services, inc., Cleaning D from any allegations that the equipment was impro CES Environmental Services, Inc., Cleaning Divident and damages or losses of equipment and	responsibility of the customer, and they hereby ivision, from any responsibility for claims arising perfy cleaned, resulting in damage or loss. ision, is in no manner responsible for any
Inspected By:	Date	Print Name:	
		r mit Name	Date
		Signature:	

tainer / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
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PO# Custome	er: Fige 7	Sid		Date:	11
Tractor Address				Time: , 12	
Trailer / Container Number Dropped	By.			Need By:	
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ iso cont	AINER C	DRY BULK	
TANKTRAILER DROLLT		☐ FRAC TANK	POLY TAN		UM TRUCK
Compartment #	Last Contained	Heel - Hazardous		Drum / I	
1 Fred Still					
2			<u> </u>		
3					
4				÷. *	
5					· · · · · · · · · · · · · · · · · · ·
CLEANING CODES	WORK PERFORMED		TANK ENTRY I	PERMIT	
1 Air Dry	WORKT EAR OTHER	Oxygen (19.5% -23.5		#3 #4	#5
2 Quick Rinse		LEL (<10%)	#1 <u>0</u> #2		#5
3 Cold Water Rinse		€CO ² (<35 ppm)	#1_0 #2	_ #3 #4 _ #3 #4	#5
4 Hot Water Rinse		Toxic Vapor	#1 <u>0</u> #2		#5
5 Steam Only (Per Hour)		Signature:	1		
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse & Dry		Comments:			**
9 Caustic Wash & Dry	7	1			
10 Caustic Wash, Rinse & Dry	1				***
11 Waste Water Surcharge	1		en e		
12 Solvent Wash (Diesel # Hours)					
13 Solvent Wash (Stripper)				and the same of	
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (w/o Interna	ıl)				
16 Exterior Trailer Wash (with Interna	al)				
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:		
18 Hand Labor (# Men / # Hours)					
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green Stripper)					
21 Passivation					
Hose Cleaning					
Pump Cleaning		thoroughness of the tan moisture. Final inspection of release CES Environmental	rices, Inc., Cleaning Division, k washing procedure or the to the equipment remains the ri Services, Inc., Cleaning Divis	otal elimination of interior esponsibility of the custor sion, from any responsibi	residues and/or ner, and they hereby lity for claims arising
Cleaned By:	JK Date 7-1-09	CFS Environmental S	t the equipment was imprope ervices, Inc., Cleaning Divisi or losses of equipment and/o	on is in no manner respo	onsible for any
Inspected By:	Date	Print Name:		Date	
		Signature:			

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. Houston, TX 77021
Phone: (713) 676-1460 Fax: (713) 676-1676

	*		4	<u> </u>
PO #	Customer:			Date: 7-1-09
Tracina	Prechired			<u> </u>
Tractor 233	Address: Humble Yex			Time: 19.05
Trailer / Container Number				Need By
514	TAY			ASAP
CONTAINER TYPE:	TOTE BIN ROLL DOOR BOX	ISO CONT	AINER [DRY BULK
	ROLL TARP BOX VACUUM BOX	FRAC TANK	POLY TAN	
Compartment #	Last Contained	Heel - Hazardous		Drum / Rolloff
1 016 6	Sed			
2				
3				
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.5%	6) # A • 1 #2	#3 #4 #5
2 Quick Rinse		LEL (<10%)	#1_/2 #2	
3 Cold Water Rinse		CO ² (<35 ppm)	#1 #2	#3 #4 #5
4 Hot Water Rinse		Toxic Vapor	#1_#2	#3 #4 #5
5 Steam Only (Per Hour)		Signature /		
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry			· .	
8 Detergent Wash, Rinse &	Dry	Comments:		
9 Caustic Wash & Dry	/		,	
10 Caustic Wash, Rinse & I	Dry			
11 Waste Water Surcharge				
12 Solvent Wash (Diesel # I	Hours)			
13 Solvent Wash (Stripper)				
14 Exterior Tractor Wash		·		
15 Exterior Trailer Wash (w/	/o Internal)			in the second se
16 Exterior Trailer Wash (wi	ith Internal)	• .		
17 Exterior Acid Brite Wash	a	Authorized Addit	ional Services:	
18 Hand Labor (# Men / # H	Hours)			
19 Hydroblaster (# Hours)			·	
20 Solvent Wash (Green St	tripper)			
21 Passivation			·.	
Hose Cleaning				
Pump Cleaning		thoroughness of the tank	washing procedure or the te	makes no guarantees with respect to the otal elimination of interior residues and/or
		release CES Environmental	ne equipment remains the ri Services, Inc., Cleaning Divi- the equipment was improve	asponsibility of the customer, and they hereby sion, from any responsibility for claims arising only cleaned, resulting in damage or loss.
Cleaned By:	5/ Date 7-2-09	CES Environmental S	envices, Inc., Cleaning Divisi	on, is in no manner responsible for any
Inspected By:	Date		=	Date 7-1-09
півресіви Бу	Date	Print Name:	n Miller	Date 7-/-07
		Signatura:	Fr 11/1	There
10 March 1980 10 March 1980		Signature:	J. 100	

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. Houston, TX 77021
Phone: (713) 676-1460 Fax: (713) 676-1676

PO #	Customer			Date: 7-1-09
Tue about	FIREBIRG			<u> </u>
Tractor 233	Address:			Time:
Trailer / Container Number				Need By:
51/	tar	and the second s		ASAP
	TOTE BIN ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK
	☐ ROLL TARP BOX ☐ VACUUM BOX	ERAC TANK	POLY TAN	<u> </u>
Compartment #	Last Contained	Heel - Hazardous		Drum / Rolloff
1 Oil	Usil			
2				
3				
4		1.5		
5	The second secon			
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.5%	%) #1 <u>2 e . </u>	
2 Quick Rinse		LEL (<10%)	#1 <u>**</u> #2	
3 Cold Water Rinse		CO ² (<35 ppm)	#1 / #2	#3#4#5
4 Hot Water Rinse		Toxic Vapor	#1#2	#3#4#5
5 Steam Only (Per Hour)		Signature 2	*	
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse	& Dry	Comments:		
9 Caustic Wash & Dry				
10 Caustic Wash, Rinse &	& Dry	1	* * * * * * * * * * * * * * * * * * *	
11 Waste Water Surcharg	je /			
12 Solvent Wash (Diesel	# Hours)			
13 Solvent Wash (Strippe	er)	1		
14 Exterior Tractor Wash				
15 Exterior Trailer Wash (w/o Internal)			
16 Exterior Trailer Wash (with Internal)			
17 Exterior Acid Brite Was	sh	Authorized Addit	ional Services:	
18 Hand Labor (# Men / #	# Hours)			
19 Hydroblaster (# Hours))			
20 Solvent Wash (Green	Stripper)			
21 Passivation				
Hose Cleaning				
Pump Cleaning		thoroughness of the tank moisture. Final inspection of release CES Environmental	c washing procedure or the to the equipment remains the re Services, Inc., Cleaning Divis	makes no guarantees with respect to the otal elimination of interior residues and/or asponsibility of the customer, and they hereby sion, from any responsibility for claims arising thy cleaned, resulting in damage or loss.
Cleaned By:	CR Date 7-2-09			on, is in no manner responsible for any r materials left in their yard.
Inspected By:	Date	Print Name:	24 Miller	Date 7-1-69
		Signature:	you John	

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. Heuston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO #	Customer:				Date:
	F. 16				Date: 1 2 /09
Tractor	Address:			-	Time:
294					14.4/
Trailer / Container Number	Dropped E	y: _ 1			Need By:
301		I frank			,
CONTAINER TYPE:	TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK
TANK TRAILER	ROLL TAP	RP BOX	☐ FRAC TANK	POLY TAN	K VACUUM TRUCK
Compartment #	, A.	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 Stake This					
2					
3	4				
4					
5					
CLEANING CODES		WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry			Oxygen (19.5% -23.59	%) #1 <u>20 m</u> #2	#3#4#5
2 Quick Rinse	-		LEL (<10%)		#3 #4 #5
3 Cold Water Rinse	ja s	4.4	CO ² (<35 ppm)		#3 #4 #5
4 Hot Water Rinse			Toxic Vapor	g #1 -6	#3#5
5 Steam Only (Per Hour)			Signature:		
6 Steam & Dry			Stripper Usage:		
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse	& Dry		Comments:		
9 Caustic Wash & Dry				•	
10 Caustic Wash, Rinse &	Dry				
11 Waste Water Surcharg	e /				
12 Solvent Wash (Diesel	# Hours)				
13 Solvent Wash (Strippe	r)				
14 Exterior Tractor Wash	1				
15 Exterior Trailer Wash (w/o Internal)				
16 Exterior Trailer Wash (with Internal)				
17 Exterior Acid Brite Was	sh		Authorized Addit	ional Services: 	
18 Hand Labor (# Men / #					· · · · · · · · · · · · · · · · · · ·
19 Hydroblaster (# Hours)	<u> </u>				
20 Solvent Wash (Green	Stripper)				
21 Passivation					
Hose Cleaning	• • • • • • • • • • • • • • • • • • • •				
Pump Cleaning	35 C		thoroughness of the tank moisture. Final inspection of release CES Environmental	washing procedure or the the equipment remains the reservices, Inc., Cleaning Divi	, makes no guarantees with respect to the otal elimination of interior residues and/or esponsibility of the customer, and they hereb sion, from any responsibility for claims arisin arty cleaned, resulting in damage or loss.
Cleaned By:	7.	Date <u>7 - 3 - 0 9</u>	CES Environmental S	ervices, Inc., Cleaning Divisi	ion, is in no manner responsible for any or materials left in their yard.
Inspected By:		Date	Print Name:		Date
			riiik Naiile		Dale
			Signature:	-	*

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676

Trailer / Container Number Drailer / Container Number Drailer / Total Tank Trailer	ropped By: FE BIN ROLL DOOR BOX ROLL TARP BOX VACUUM BOX Last Contained	ISO CONTA FRAC TANK Heel - Hazardous	POLY TAN	7	A TRUCK
Trailer / Container Number Drailer / Container Number Drailer / Total Tank Trailer	ropped By: FE BIN ROLL DOOR BOX ROLL TARP BOX VACUUM BOX	FRAC TANK	POLY TAN	13.00 Need By: DRY BULK K □ VACUUI	A TRUCK
CONTAINER TYPE: TO TANK TRAILER Compartment #	TE BIN ROLL DOOR BOX ROLL TARP BOX VACUUM BOX	FRAC TANK	POLY TAN	Need By: DRY BULK VACUUI	A TRUCK
CONTAINER TYPE: TO TANK TRAILER Compartment #	TE BIN ROLL DOOR BOX ROLL TARP BOX VACUUM BOX	FRAC TANK	POLY TAN	Need By: DRY BULK VACUUI	A TRÚCK
CONTAINER TYPE: TO TANK TRAILER Compartment # 1 2 3	ROLL TARP BOX	FRAC TANK	POLY TAN	K VACUUI	A TRUCK
Compartment # 1	ROLL TARP BOX	FRAC TANK	POLY TAN	K VACUUI	M TRUCK
Compartment # 1	ROLL TARP BOX			7	M TRUCK
Compartment #			Heel - Non-Haz		
3			TIOU. TION TIME	Drum / Ro	lloff
3					
3					1, 14.
					100 Aug. 1
4					\$ 14 A A S S
5					
CLEANING CODES	WORK PERFORMED	4	TANK ENTRY	PERMIT	
1 Air Dry		Oxygen (19.5% -23.59	%) #D/ 0#2	#3#4	#5
2 Quick Rinse		LEL (<10%)	#1 #2	#3 #4	#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 #2	#3 #4	#5
4 Hot Water Rinse		Toxic Vapor	#1-2- #2-	#3 #4	_ #5
5 Steam Only (Per Hour)		Signature:	JU		
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse & D	ry /	Comments:			
9 Caustic Wash & Dry			, w	•	
10 Caustic Wash, Rinse & Dr	у /		,		
11 Waste Water Surcharge			A		
12 Solvent Wash (Diesel # Ho	ours)	Fu	YC		
13 Solvent Wash (Stripper)			(
14 Exterior Tractor Wash		0			
15 Exterior Trailer Wash (w/o	~~ ````		TON		
16 Exterior Trailer Wash (with	Internal)		'a a a l Camaia a a a		
17 Exterior Acid Brite Wash		Authorized Addit	ionai Services: —		
18 Hand Labor (# Men / # Ho	urs)				
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green Strip	oper)				
21 Passivation					
Hose Cleaning		CES Environmental Serv	ices, Inc., Cleaning Division	, makes no guarantees with i	espect to the
Pump Cleaning		thoroughness of the tank moisture. Final inspection of release CES Environmental	washing procedure or the t the equipment remains the r	otal elimination of interior res esponsibility of the customer	idues and/or , and they herel
Cleaned By:	Date 7-7-9	from any allegations that	the equipment was imprope	erly cleaned, resulting in dam	age or loss.
cleaned by.	Date * Annual Control of the Control	damages o	ervices, inc., Cleaning Divis or losses of equipment and/o	ion, is in no manner responsi or materials left in their yard.	ure for allry
Inspected By:	Date	Dutal Manage		.	
		Print Name:	<u></u>	Date	

TANK WASH WORK ORDER

PO # Custor			Date:
(3372	Z . 7.5		06.24.04
Tractor Address	38:		Time:
Trailer / Container Number Droppe	ed By:		Need By:
157			A CASO
CONTAINER TYPE: TOTE BI	N ROLL DOOR BOX	☐ ISO CONTAINER	DRY BULK
TANK TRAILER D HOLL	TARP BOX	☐ FRAC TANK ☐ POLY TA	
Compartment #	Last Contained	Heel - Hazardous Heel - Non-Ha	***
1 /55			<u> </u>
2			
3 MethanoL.			
4			* MATERIA.
5			
CLEANING CODES	WORK PERFORMED	TANK ENTRY	/ PERMIT
1 Air Dry		Oxygen (19.5% -23.5%) #1/2/ 2#2	#3 #4 #5
2 Quick Rinse		LEL (<10%) #1 2 #2	The state of the s
3 Cold Water Rinse		CO ² (<35 ppm) #1 #2	#3 #4 #5
4 Hot Water Rinse		Toxic Vapor #1 #2 #2	#3 #4 #5
5 Steam Only (Per Hour)		Signature: 40 B 4	
6 Steam & Dry		Stripper Usage:	
7 Rinse, Steam & Dry			
8 Detergent Wash, Rinse & Dry		Comments:	
9 Caustic Wash & Dry			
10 Caustic Wash, Rinse & Dry			
11 Waste Water Surcharge			
12 Solvent Wash (Diesel # Hours)			
13 Solvent Wash (Stripper)			
14 Exterior Tractor Wash			
15 Exterior Trailer Wash (w/o Intern	nal)	<u>]</u>	
16 Exterior Trailer Wash (with Inter	nal)		
17 Exterior Acid Brite Wash		Authorized Additional Services:	
18 Hand Labor (# Men / # Hours)			
19 Hydroblaster (# Hours)		·	
20 Solvent Wash (Green Stripper)			
21 Passivation			
Hose Cleaning			
Pump Cleaning	Date 6 2 4.9	CES Environmental Services, Inc., Cleaning Divisi thoroughness of the tank washing procedure or the moisture. Final inspection of the equipment remains the release CES Environmental Services, Inc., Cleaning Different any allegations that the equipment was improved.	e total elimination of interior residues and/or e responsibility of the customer, and they hereby invision, from any responsibility for claims arising operly cleaned, resulting in damage or loss.
Cleaned By:	Date U U	CES Environmental Services, Inc., Cleaning Di- damages or losses of equipment an	
Inspected By:	Date	Print Name: P. V.	?✓°_∕Date
		Signature:	

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

Same of the Control o			
PO# 7KIP Customer:	Z T S		Date:
	<u> </u>		000
Tractor Address:			5 21 09 Time: 06.55.AM
Trailer / Container Number Dropped E	Bv:		Need By:
754			
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONTAINER	DRY BULK
☐ TANK TRAILER ☐ ROLL TAI			LY TANK VACUUM TRUCK
	Last Contained	Heel - Hazardous Heel - N	on-Haz Drum / Rolloff
1007 3 Broke Full	D	LON 1112	
2			
3			
4	 		**************************************
5			
CLEANING CODES	WORK PERFORMED	TANK E	NTRY PERMIT
1 Air Dry		Oxygen (19.5% -23.5%) ##) D#2#3#4#5
2 Quick Rinse			#2#3#4#5
3 Cold Water Rinse	31	CO ² (<35 ppm) #1	#2#3#4#5
4 Hot Water Rinse			#2#3#4#5
5 Steam Only (Per Hour)		Signature 57	·
6 Steam & Dry		Stripper Usage: `	
7 Rinse, Steam & Dry			
8 Detergent Wash, Rinse & Dry		Comments:	1
9 Caustic Wash & Dry			reed passivation
10 Caustic Wash, Rinse & Dry			Dassiva
11 Waste Water Surcharge			
12 Solvent Wash (Diesel # Hours)] , , , , , , , , , , , , , , , , , , ,	
13 Solvent Wash (Stripper)			
14 Exterior Tractor Wash			
15 Exterior Trailer Wash (w/o Internal)			
16 Exterior Trailer Wash (with Internal)			
17 Exterior Acid Brite Wash		Authorized Additional Ser	vices:
18 Hand Labor (# Men / # Hours)			
19 Hydroblaster (# Hours)			
20 Solvent Wash (Green Stripper)	/		
21 Passivation			
Hose Cleaning			
Pump Cleaning		thoroughness of the tank washing proce	ning Division, makes no guarantees with respect to the dure or the total elimination of interior residues and/or
	, and	release CES Environmental Services, Inc., (emains the responsibility of the customer, and they hereby Deaning Division, from any responsibility for claims arising was improperly cleaned, resulting in damage or loss.
Cleaned By:	Date 6_25_09	CES Environmental Services, Inc., CI	eaning Division, is in no manner responsible for any pment and/or materials left in their yard.
Inspected By:	Date	Print Name: Remo	Bulls Date 24-09
		Signature:	DB

CES Environmental Services
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PO #	customer:	TTO			Date:	11 O
		+ 7				4-9
Tractor 1218	ddress:				Time:	
Trailer / Container Number D	Propped By:				Need By:	
	TE BIN ROLI	L DOOR BOX	☐ ISO CONTA	AINER [DRY BULK	
		VACUUM BOX	FRAC TANK	POLY TAN		JUM TRUCK
Compartment #	Last Contain		Heel - Hazardous		Drum /	
19/40/						
2						
3						
4						
5						
CLEANING CODES	WORK PE	ERFORMED		TANK ENTRY	PERMIT	ALC: P
1 Air Dry			Oxygen (19.5% -23.5%		#3 #4	#5
2 Quick Rinse		<u>.</u>	LEL (<10%)	#1_/○ #2		
3 Cold Water Rinse		The Market Company of the Company of	CO ² (<35 ppm)	#1 👝 #2		#5
4 Hot Water Rinse			Toxic Vapor	#1#2	#3 #4	#5
5 Steam Only (Per Hour)			Signature:	57		<u> </u>
6 Steam & Dry			Stripper Usage:			
7 Rinse, Steam & Dry			1			,
8 Detergent Wash, Rinse & D)ry		Comments:			
9 Caustic Wash & Dry						
10 Caustic Wash, Rinse & Dr	ry /					
11 Waste Water Surcharge						
12 Solvent Wash (Diesel # H	ours)					
13 Solvent Wash (Stripper)						
14 Exterior Tractor Wash						
15 Exterior Trailer Wash (w/o	Internal)					
16 Exterior Trailer Wash (with	ı Internal)					
17 Exterior Acid Brite Wash			Authorized Addit	ional Services:		
18 Hand Labor (# Men / # Ho	ours)					
19 Hydroblaster (# Hours)						
20 Solvent Wash (Green Stri	pper)					
21 Passivation						
Hose Cleaning						
Pump Cleaning			thoroughness of the tank	ices, Inc., Cleaning Division, washing procedure or the to	otal elimination of interio	or residues and/or
Cleaned By:	Date_(6249	moisture. Final inspection of t release CES Environmental from any allegations that CES Environmental S damages of	The equipment remains the in Services, Inc., Cleaning Division the equipment was improper prvices, Inc., Cleaning Division to see of equipment and/o	sion, from any responsil orly cleaned, resulting in ion, is in no manner resp	bility for claims arising damage or loss.
Inspected By:	Date_		Print Name:	BRANCI	Date_((24 604
			Signature:	16	Hangari Ar	

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Container / Tank Cleaning Division
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PO # Customer:	J 15			Date:	4-9
Tractor Address:				Time:	
Trailer / Container Number Dropped B	y:			Need By:	- San
CONTAINER TYPE: TOTE BIN TANK TRAILER ROLL TAR	ROLL DOOR BOX	ISO CONT			IN A TOUROUS
	P BOX VACUUM BOX Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / R	JM TRUCK colloff
Metolven Hydrocarbo	~ 1				
					N-
2 3					
• • • • • • • • • • • • • • • • • • • •			<u>/</u>		
4					
5 CLEANING CODES	WORK PERFORMED		TANK ENTEN	<u> </u>	
	WORK PERFORMED		TANK ENTRY	- 	
1 Air Dry 2 Quick Rinse		Oxygen (19.5% -23.59	· · · · · · · · · · · · · · · · · · ·	_ #3 #4	#5
3 Cold Water Rinse		LEL (<10%) CO ² (<35 ppm)	#1 #2 #1 #2	#3 #4 #3 #4	#5 #5
4 Hot Water Rinse		Toxic Vapor	#1 <u>-0</u> -#2 #1) #2		#5 #5
5 Steam Only (Per Hour)		Signature:	1 E "-	_ #0 #4	#V
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse & Dry		Comments:			
9 Caustic Wash & Dry		+			
10 Caustic Wash, Rinse & Dry		1			•
11 Waste Water Surcharge					
12 Solvent Wash (Diesel # Hours)		-			•
13 Solvent Wash (Stripper)		-			
14 Exterior Tractor Wash		-			
15 Exterior Trailer Wash (w/o Internal)					
16 Exterior Trailer Wash (with Internal)	1	1			
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:		
18 Hand Labor (# Men / # Hours)				······································	
19 Hydroblaster (# Hours)			<u> </u>		
20 Solvent Wash (Green Stripper)					
21 Passivation					
Hose Cleaning					
Pump Cleaning		CES Environmental Serv	ices, Inc., Cleaning Division,	makes no guarantees with	respect to the
Cleaned By: TE	Date 6 249	moisture. Final inspection of release CES Environmental from any allegations that CES Environmental S	washing procedure or the to the equipment remains the Services, Inc., Cleaning Divisi t the equipment was imprope ervices, Inc., Cleaning Divisi or losses of equipment and/o	esponsibility of the custom sion, from any responsibilit my cleaned, resulting in da on, is in no manner respon	er, and they hereby y for claims arisin mage or loss. sible for any
Inspected By:	Date	Print Name:	61	Date	ž
		Signature:			

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			· · · · · · · · · · · · · · · · · · ·		خ
53357 Customer:	ITS INTEGRA	Ted		Date: 6 25 09	
Tractor Address:	ITS INTEGRAL HANNELLIEW, T	'		Time:	
Trailer / Container Number Dropped B	y:			Need By:	
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK	
☐ TANK TRAILER ☐ ROLL TAR	RP BOX	☐ FRAC TANK	POLY TAN	K 🔲 VACUUM TE	RUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff	f
1 MARFOAM					
2					
3					
4	· · · · · · · · · · · · · · · · · · ·				`
5				<u> </u>	
CLEANING CODES	WORK PERFORMED	1	TANK ENTRY	PERMIT	
1 Air Dry		Oxygen (19.5% -23.59		#3#4#5	
2 Quick Rinse		LEL (<10%)	#1#2		
3 Cold Water Rinse		CO ² (<35 ppm)	#1_0_#2		
4 Hot Water Rinse		Toxic Vapor	#1 #2		
5 Steam Only (Per Hour)		Signature:	JE		
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry		1	•		
8 Detergent Wash, Rinse & Dry		Comments:			
9 Caustic Wash & Dry		1			
10 Caustic Wash, Rinse & Dry		1			
11 Waste Water Surcharge		1			
12 Solvent Wash (Diesel # Hours)		1			
13 Solvent Wash (Stripper)		1			
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (w/o Internal)		1			
16 Exterior Trailer Wash (with Internal)					
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:	· ·	
18 Hand Labor (# Men / # Hours)					
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green Stripper)					
21 Passivation					
Hose Cleaning					
Pump Cleaning		CES Environmental Servitoroughness of the tank	ices, Inc., Cleaning Division,	makes no guarantees with respectal elimination of interior residues	t to the
Cleaned By: 5E	Date 6 25.5	moisture. Final inspection of t release CES Environmental from any allegations that	he equipment remains the re Services, Inc., Cleaning Dividente the equipment was improper the equipment was improper to the equipment was improved to the equipment was included to the eq	esponsibility of the customer, and to sion, from any responsibility for clai orly cleaned, resulting in damage of on, is in no manner responsible for	hey hereby ims arising r loss.
		damages o	r losses of equipment and/o	r materials left in their yard.	7
Inspected By:	Date	Print Name: KE	LHEAV	HUS Date 6 25	Ø
		Signature:	ently	plase	

CES Environmental Services Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 636-1676

TANK WASH WORK ORDER

PO # Customer:	37 5			Date:	
533114	3/14				
Tractor 186 Address:				6.25-09 Time:	
Trailer / Container Number Dropped E	DÝ:	2		Need By:	
2044	LAUID 17	MKZK	1		
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK	
TANK TRAILER ROLL TAN	RP BOX	☐ FRAC TANK	POLY TANK	K VACUUM TRUCK	
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff	
1	PG				
2				3	
3				×.	
4					
5					
CLEANING CODES	WORK PERFORMED		TANK ENTRY I	PERMIT	
1 Air Dry		Oxygen (19.5% -23.5	%) #1 ^{7CS'} #2	#3 #4 #5	
2 Quick Rinse		LEL (<10%)	#1#2	#3#4#5	
3 Cold Water Rinse		CO ² (<35 ppm)	#1#2	#3 #4 #5	
4 Hot Water Rinse		Toxic Vapor	#1#2	#3 #4 #5	
5 Steam Only (Per Hour)		Signature:			
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse & Dry		Comments:			
9 Caustic Wash & Dry		1			
10 Caustic Wash, Rinse & Dry		1			
11 Waste Water Surcharge					
12 Solvent Wash (Diesel # Hours)		1			
13 Solvent Wash (Stripper)		4.5			
14 Exterior Tractor Wash			•		
15 Exterior Trailer Wash (w/o Internal)		,			
16 Exterior Trailer Wash (with Internal)					
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:		
18 Hand Labor (# Men / # Hours)					
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green Stripper)					
21 Passivation					
Hose Cleaning					
Pump Cleaning		CES Environmental Servitoroughness of the tank	rices, Inc., Cleaning Division, k washing procedure or the to	makes no guarantees with respect to the otal elimination of interior residues and/or	
Cleaned By:	Date 6.25.09	release CES Environmental from any allegations that CES Environmental S	Services, Inc., Cleaning Divis t the equipment was imprope	esponsibility of the customer, and they hereby sion, from any responsibility for claims arising yrly cleaned, resulting in damage or loss.	
	/ / / / / / / / / / / / / / / / / / /	- Carriages (1		
Inspected By:	Date	Print Name:	MUCHCIA	RT Bate 6 -25 09	
		Signature:	keel !	RZ Bate 6-25 09	

EPAHO082001122

CES Environmental Services
Container / Tank Cleaning Division
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		<u> </u>		
PO# 53369	Customer: 175			Date: 6/25/09
	Address:		, - , 's se. ,	Time: 4: 30
	Dranad Bu			
Trailer / Container Number 75 942	Dropped By: KEVIN Sig	ger(Need By: 4 A M
CONTAINER TYPE:	TOTE BIN ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK
TANK TRAILER	ROLL TARP BOX VACUUM BOX	☐ FRAC TANK	POLY TANK	VACUUM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 XY/ENE				
2				
3				
4		Jan 1970		
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.59	%) #0 20. #2	#3#4#5
2 Quick Rinse		LEL (<10%)	#162_#2	#3#4#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 #2	#3 #4 #5
4 Hot Water Rinse		Toxic Vapor	#1, 0 #2	#3#4#5
5 Steam Only (Per Hour)		Signature:	JE	· · · · · · · · · · · · · · · · · · ·
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse &	. Dry	Comments:		
9 Caustic Wash & Dry		Chang	sad al	l gaskets ealed
10 Caustic Wash, Rinse &			1 0	50100
11 Waste Water Surcharge		_	and J	Parec
12 Solvent Wash (Diesel #				
13 Solvent Wash (Stripper)				
14 Exterior Tractor Wash		_		
15 Exterior Trailer Wash (w.				
16 Exterior Trailer Wash (w			· .	
17 Exterior Acid Brite Wash		Authorized Addit	ional Services: —	
18 Hand Labor (# Men / # H	dours)			
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green St	ripper)			
21 Passivation			·	
Hose Cleaning				
Pump Cleaning	(2110	thoroughness of the tank moisture. Final inspection of t release CES Environmental	washing procedure or the to he equipment remains the re Services, Inc., Cleaning Divis	makes no guarantees with respect to the tal elimination of interior residues and/or sponsibility of the customer, and they hereby ion, from any responsibility for claims arising ty cleaned, resulting in damage or loss.
Cleaned By:	Date [1 - 0 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	CES Environmental Se		n, is in no manner responsible for any
Inspected By:	Date	Print Name: KE	in 5,9;	Sel Date 6/25-/09
		Sinnati Ira-K	- B	

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TANK WASH WORK ORDER

			and the second		44.
PO # 533 77 Customer:	175			Date:	-09
Tractor Address:				Time:	
Trailer / Container Number Dropped B	ly:			Need By:	
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK	egirir -
☐ TANK TRAILER ☐ ROLL TAP	RP BOX	TERAC TANK	POLY TAN	K 🔲 VACU	UM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / f	Rolloff
1 TRI Chylene	6/401				
2					
3					924
4					
5					
CLEANING CODES	WORK PERFORMED		TANK ENTRY I	PERMIT	
1 Air Dry		Oxygen (19.5% -23.5		#3 #4	#5
2 Quick Rinse		LEL (<10%)	#1 #2		
3 Cold Water Rinse		CO ² (<35 ppm)	#1#2		#5
4 Hot Water Rinse	· · · · · · · · · · · · · · · · · · ·	Toxic Vapor	_1 #1 <u>○</u> #2		#5 <u></u>
5 Steam Only (Per Hour)		Signature:	15 H		·
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry		1			
8 Detergent Wash, Rinse & Dry		Comments:			
9 Caustic Wash & Dry	/	1			
10 Caustic Wash, Rinse & Dry					
11 Waste Water Surcharge					
12 Solvent Wash (Diesel # Hours)		1			
13 Solvent Wash (Stripper)					
14 Exterior Tractor Wash	·	1			
15 Exterior Trailer Wash (w/o Internal)					
16 Exterior Trailer Wash (with Internal)		1			
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:		
18 Hand Labor (# Men / # Hours)					
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green Stripper)					
21 Passivation					
Hose Cleaning					
Pump Cleaning			rices, Inc., Cleaning Division, c washing procedure or the to		
Cleaned By:	Date 6 25 9	moisture. Final inspection of release CES Environmental from any allegations that CES Environmental S	the equipment remains the re Services, Inc., Cleaning Divisi the equipment was imprope ervices, Inc., Cleaning Division or losses of equipment and/o	esponsibility of the custon sion, from any responsibili erly cleaned, resulting in d on, is in no manner respo	ter, and they hereby ty for claims arising amage or loss.
Inspected By:	Date	Print Name:	(Mes	V.7 Date	
		Signature:	CYT	7	

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Container / Tank Cleaning Division
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TANK WASH WORK ORDER

PO# Custon	ner:			Date:
53370	1/3			6-25-09
Tractor Addres	SS:			Time:
1/7				19.35
Trailer / Container Number Droppe	ed By:			Need By:
LT707				HSAP.
CONTAINER TYPE: TOTE BI		ISO CONT		
☐ TANK TRAILER ☐ ROLL	TARP BOX	☐ FRAC TANK	POLY TAN	K VACUUM TRUCH
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 Pro Check GP-7	7		140	
2				
3				
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.5	%) #1 0 #2	#3 #4 #5
2 Quick Rinse		LEL (<10%)	#1 #2	#3 #4 #5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 #2	#3 #4 #5
4 Hot Water Rinse		Toxic Vapor	_#1 <u></u> #2	#3 #4 #5
5 Steam Only (Per Hour)		Signature:	<i>/</i>	
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry			·	
8 Detergent Wash, Rinse & Dry		Comments:	1.2	
9 Caustic Wash & Dry				
10 Caustic Wash, Rinse & Dry		_		
11 Waste Water Surcharge		_		
12 Solvent Wash (Diesel # Hours)				
13 Solvent Wash (Stripper)				
14 Exterior Tractor Wash		_		
15 Exterior Trailer Wash (w/o Interr				
16 Exterior Trailer Wash (with Inter	nal)			
17 Exterior Acid Brite Wash		Authorized Addit	ionai Services: —	· · · · · · · · · · · · · · · · · · ·
18 Hand Labor (# Men / # Hours)				
19 Hydroblaster (# Hours)			· · · · · · · · · · · · · · · · · · ·	
20 Solvent Wash (Green Stripper)				
21 Passivation				
Hose Cleaning		CEC Environmental San	ices Inc. Cleaning Division	makes no guarantees with respect to the
Pump Cleaning Cleaned By:	Date 6 25 9	thoroughness of the tan moisture. Final inspection of release CES Environmental from any allegations tha CES Environmental S	k washing procedure or the to the equipment remains the n Services, Inc., Cleaning Divis t the equipment was imprope ervices, Inc., Cleaning Divisi	otal elimination of interior residues and/or esponsibility of the customer, and they hen sion, from any responsibility for daims aris any cleaned, resulting in damage or loss. on, is in no manner responsible for any
Inspected By:	Date		or losses of equipment and/o	
		Signature:	nn, 1.7.	(5 5/ Date 6-25.09

CES Environmental Services
Container / Tank Cleaning Division
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PO # Custom	er:		· · · · · · · · · · · · · · · · · · ·	Date: 25	- 9
Tractor Address				Time:	
Trailer / Container Number Dropped	і Ву:			Need By:	
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK	
TANK TRAILER O ROLL T	ARP BOX	☐ FRAC TANK	POLY TAN	K VACUE	JM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / F	Rolloff
1 Luke oil			:		
2	<u></u>		<u> </u>		
3			·		
4	· · · · · · · · · · · · · · · · · · ·				Mary Callegram
5					
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry		Oxygen (19.5% -23.5		#3 #4	#5
2 Quick Rinse		LEL (<10%)	#1 2 #2	#3	#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 🔼 #2	#3#4	#5
4 Hot Water Rinse		Toxic Vapor	#16 #2	#3 #4	#5
5 Steam Only (Per Hour)		Signature:	<u>\$1</u>		
6 Steam & Dry		Stripper Usage:		· · · · · · · · · · · · · · · · · · ·	
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse & Dry		Comments:			
9 Caustic Wash & Dry					
10 Caustic Wash, Rinse & Dry			¥****		
11 Waste Water Surcharge					
12 Solvent Wash (Diesel # Hours)					
13 Solvent Wash (Stripper)					
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (w/o Interna	d) /				
16 Exterior Trailer Wash (with Intern	al)		· · · · · · · · · · · · · · · · · · ·	·	
17 Exterior Acid Brite Wash		Authorized Addit	tional Services:	<u> </u>	
18 Hand Labor (# Men / # Hours)					
19 Hydroblaster (# Hours)		<u> </u>			
20 Solvent Wash (Green Stripper)					
21 Passivation					
Hose Cleaning					
Pump Cleaning		thoroughness of the tan moisture. Final inspection of release CES Environmental	vices, Inc., Cleaning Division k washing procedure or the the equipment remains the services, Inc., Cleaning Divit the equipment was improper	total elimination of interior of responsibility of the custom ision, from any responsibili	esidues and/or er, and they hereb ly for claims ansing
Cleaned By:	Date	CES Environmental S	tervices, Inc., Cleaning Divisor losses of equipment and/	ion, is in no manner respon	sible for any
Inspected By:	Date	Print Name:		Date	
		Signature:			

rvironmental Services
Lier / Tank Cleaning Division
Lier / Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

53373	Customer:			5			Date:	125	109
Tractor 160	Address:						Time:	5 :	45am
Trailer / Container Number	Dropped B	y: <u>(</u>	100	مر			Need	Ву:	
CONTAINER TYPE: T	OTE BIN		ROLL DO	OOR BOX	ISO CONTA	AINER	DRY E	BULK	et .
☐ TANK TRAILER ☐	ROLL TAR	P BOX	U VAC	CUUM BOX	☐ FRAC TANK	POLY TAI	NK [VACUU	MTRUCK
Compartment #		_ast C	Contained		Heel - Hazardous	Heel - Non-Haz		Drum / R	olloff
1 42-9.5		•		*.			,		
2				•			1		
3									
4	٠								
5		· · · · · · · · · · · · · · · · · · ·							
CLEANING CODES		W	ORK PERF	ORMED		TANK ENTRY	PERMIT	r	
1 Air Dry					Oxygen (19.5% -23.5%	%) #12 . Al #2	#3	#4	#5
2 Quick Rinse		·····	**************************************		LEL (<10%)	#1_0#2			#5
3 Cold Water Rinse				in the second	CO ² (<35 ppm)	#1#2			#5
4 Hot Water Rinse					Toxic Vapor	#1,46 #2		#4	#5
5 Steam Only (Per Hour)					Signature (1)				
6 Steam & Dry			· · · · · · · · · · · · · · · · · · ·		Stripper Usage:				
7 Rinse, Steam & Dry									
8 Detergent Wash, Rinse &	Dry	7			Comments:				
9 Caustic Wash & Dry		/	·						
10 Caustic Wash, Rinse &	Dry					*			
11 Waste Water Surcharge									
12 Solvent Wash (Diesel #	Hours)								
13 Solvent Wash (Stripper)				· · · · · · · · · · · · · · · · · · ·				e de la companya de l	
14 Exterior Tractor Wash									
15 Exterior Trailer Wash (w	/o Internal)								**
16 Exterior Trailer Wash (w	ith Internal)								
17 Exterior Acid Brite Wash					Authorized Addit	ional Services:		•	
18 Hand Labor (# Men / # I	Hours)					- -	- 		
19 Hydroblaster (# Hours)									
20 Solvent Wash (Green S	tripper)								
21 Passivation									
Hose Cleaning									
Pump Cleaning					CES Environmental Serv	ices, Inc., Cleaning Division washing procedure or the	n, makes no g	uarantees with	respect to the
Cleaned By:	CP.		Date <u>6 - 5</u>	15-09	moisture. Final inspection of trelease CES Environmental from any allegations that CES Environmental S	the equipment remains the Services, Inc., Cleaning Di t the equipment was impro ervices, Inc., Cleaning Div or losses of equipment and	responsibility vision, from ar perly cleaned, sion, is in no r	of the custome ny responsibility resulting in dar nanner respons	r, and they hereby for claims arising mage or loss.
Inspected By:			Date	——————————————————————————————————————	Print Name:	2.5 Game	<u>~</u> [Date <u>(</u>	25-01
					Signature:	7h 35	wes:		

. Cleaning Division
d. • Houston, TX 77021
-, 676-1460 • Fax: (713),676-1676

		·			
53333 Custome	TTS			Date: 25/	89
Tractor Address:				Time:	
Trailer / Container Number Dropped 6507	Ву:			Need By:	
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	ISO CONT	AINER [DRY BULK	
☐ TANK TRAILER ☐ ROLL TA		FRAC TANK	POLY TAN		JM TRUCK
Compartment #	Last Contained	Heel - Hazardous		Drum / R	
1 FR (OLD PX/V	mer				
2					
3					
4			· · · · · · · · · · · · · · · · · · ·		
5	AND CONTRACTOR OF THE PROPERTY			recent of	
CLEANING CODES	WORK PERFORMED		TANK ENTRY I	PERMIT	
1 Air Dry		Overgon /10 59/, 22 59	%) f. U/ #2		
2 Quick Rinse		LEL (<10%)	#1 <u>0</u> #2		
3 Cold Water Rinse		CO ² (<35 ppm)	*		TT 4
4 Hot Water Rinse			#1_ #2		#5
5 Steam Only (Per Hour)		Signature:			
6 Steam & Dry		Stripper Usage:	`		
7 Rinse, Steam & Dry		1			
8 Detergent Wash, Rinse & Dry		Comments:			
9 Caustic Wash & Dry		u ^{ig} _{pe}			
10 Caustic Wash, Rinse & Dry	1		•		
11 Waste Water Surcharge					
12 Solvent Wash (Diesel # Hours)					
13 Solvent Wash (Stripper)					
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (w/o Internal)					
16 Exterior Trailer Wash (with Internal) /			4.4	
17 Exterior Acid Brite Wash	X	Authorized Addit	ional Services:		
18 Hand Labor (# Men / # Hours)	<u> </u>				· · · · · · · · · · · · · · · · · · ·
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green Stripper)		war-			
21 Passivation					
Hose Cleaning					
Pump Cleaning		thoroughness of the tank	ices, Inc., Cleaning Division, washing procedure or the to	stal elimination of interior re	sidues and/or
Cleaned By: CP IR	Date 6-29-09	CES Environmental S	the equipment remains the re Services, Inc., Cleaning Divis the equipment was imprope ervices, Inc., Cleaning Division or losses of equipment and/or	sion, from any responsibility rly cleaned, resulting in da on, is in no manner respon	vitor claims arising mage or loss.
Inspected By:	Date	Print Name:		Date	12/19
		Signature:	ay		

CES Environmental Services

TANK WASH WORK ORDER

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676

PO# Customer	r:			Date: 126/49
Tractor Address:		<u> </u>	 	Times
171				2,30 AM.
Trailer / Container Number Dropped	By:	· · · · · · · · · · · · · · · · · · ·	<u> </u>	Need By:
17- 941	Dy.			Need by.
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	ISO CONT	AINED	DRY BULK
TANKTRAILER DROLLTA		☐ FRAC TANK	POLY TAN	
Compartment #	Last Contained	Heel - Hazardous		Drum / Rolloff
1 Propine Acid				
2				
3				
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry	TOTAL ELITORINE	Owigen /10 5% -23 5		
2 Quick Rinse		LEL (<10%)	#1 #2	
3 Cold Water Rinse		CO ² (<35 ppm)	#1 #2	#3#4#5 #3#4#5
4 Hot Water Rinse		Toxic Vapor	#1#2	#3 #4 #5
5 Steam Only (Per Hour)		Signature 🗘	ν ·	· · · · · · · · · · · · · · · · · · ·
6 Steam & Dry	/	Stripper Usage:		
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse & Dry		Comments:		
9 Caustic Wash & Dry				
10 Caustic Wash, Rinse & Dry				And the second s
11 Waste Water Surcharge]		
12 Solvent Wash (Diesel # Hours)			7	
13 Solvent Wash (Stripper)				
14 Exterior Tractor Wash				
15 Exterior Trailer Wash (w/o Internal)				5
16 Exterior Trailer Wash (with Internal))			
17 Exterior Acid Brite Wash		Authorized Addit	ional Services: 	
18 Hand Labor (# Men / # Hours)				
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green Stripper)				i wasan a sana a sa
21 Passivation				
Hose Cleaning	 	1 050 5 1 1 10		
Pump Cleaning Cleaned By:	Date 6 - 26 - 09	thoroughness of the tank moisture. Final inspection of release CES Environmental from any allegations that CES Environmental S	k washing procedure or the t the equipment remains the r Services, Inc., Cleaning Divi t the equipment was improp	, makes no guarantees with respect to the total elimination of interior residues and/or responsibility of the customer, and they heret ision, from any responsibility for claims arisin ethy cleaned, resulting in damage or loss. into, is in no manner responsible for any or materials left in their yard.
Inspected By:	Date	Print Name:		Date
		Signature:		

CES Environmental Services
Container Hank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO #	Customer:				Date:	
53 388		I.T.5		·	06.3	26.09
Tractor /65	Address:				Time:	
Trailer / Container Number	Dropped B	y:			Need By:	
965					A	5AP.
CONTAINER TYPE:	OTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK	
TANK TRAILER	ROLL TAR	IP BOX	☐ FRAC TANK	POLY TAN	K 🔲 VACU	UM TRUCK
Compartment #		_ast Contained	Heel - Hazardous	Heel - Non-Haz	Drum /	Rolloff
1 DC1-30						
2 DFS -/35						
3 PPD -2151						
4						
5						
CLEANING CODES		WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry			Oxygen (19.5% -23.59	%) #1 <u>// 0</u> #2	#3 #4	#5
2 Quick Rinse			LEL (<10%)	#1 <u>0</u> #2		
3 Cold Water Rinse			CO ² (<35 ppm)	#1 #2	#3 #4	#5
4 Hot Water Rinse			Toxic Vapor	#1 #2	#3 #4	#5
5 Steam Only (Per Hour)			Signature:	4		
6 Steam & Dry			Stripper Usage:		100	
7 Rinse, Steam & Dry				<u> </u>		
8 Detergent Wash, Rinse &	. Dry		Comments:			
9 Caustic Wash & Dry	:					
10 Caustic Wash, Rinse &			_			
11 Waste Water Surcharge		<u> </u>	_			
12 Solvent Wash (Diesel #						
13 Solvent Wash (Stripper)						
14 Exterior Tractor Wash			_			
15 Exterior Trailer Wash (w			_		•	
16 Exterior Trailer Wash (w		1	Andharinad Addis	A		•
17 Exterior Acid Brite Wash		<u> </u>	Authorized Addit	ional Services:		
18 Hand Labor (# Men / # I	lours)			<u> </u>		 ,
19 Hydroblaster (# Hours)						
20 Solvent Wash (Green St	ripper)		<u> </u>		· ·	· · · · · · · · · · · · · · · · · · ·
21 Passivation					· · · · · · · · · · · · · · · · · · ·	
Hose Cleaning			CES Environmental Serv	ices, Inc., Cleaning Division,	makes no quarantees w	ith reenect to the
Pump Cleaning Cleaned By:		Date O d	thoroughness of the tank moisture. Final inspection of release CES Environmental from any allegations that	washing procedure or the to the equipment remains the re Services, Inc., Cleaning Divi- the equipment was imprope	otal elimination of interior esponsibility of the custor sion, from any responsibi arly cleaned, resulting in c	residues and/or mer, and they hereb lity for claims arisin damage or loss.
Cleaned By:		Date O	CES Environmental Si damages of	ervices, Inc., Cleaning Divisi or losses of equipment and/o	on, is in no manner respo r materials left in their ya	onsible for any rd.
Inspected By:		Date	Print Name:	A. Varge	<u>∕ •-</u> Date	
			Signature:			

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX.77021
Phone: (713) 676-1460 • Fax (713) 676-1676

PO # 534/3 Customer:	ITS			Date: 6/26/09
Tractor Address:	Time: 20:30			
Trailer / Container Number Dropped E	3у:			Need By:
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER 🗆	DRY BULK
☐ TANK TRAILER ☐ ROLL TAI		☐ FRAC TANK	POLY TANK	_
	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1			:	
2	FR-106			
3	polymer			
4			· · · · · · · · · · · · · · · · · · ·	
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY P	ERMIT
1 Air Dry		Oxygen (19.5% -23.5%	(6) #12 #2	#3#4#5
2 Quick Rinse		LEL (<10%)	#1 (2) #2	#3#4#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 > #2	#3#4#5
4 Hot Water Rinse		Toxic Vapor	#1 #2	#3 #4 #5
5 Steam Only (Per Hour)		Signature:	The state of the s	
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry		1	* *	
8 Detergent Wash, Rinse & Dry		Comments:	·····	
9 Caustic Wash & Dry	/			
10 Caustic Wash, Rinse & Dry		1		
11 Waste Water Surcharge	/	1		
12 Solvent Wash (Diesel # Hours)		1		
13 Solvent Wash (Stripper)		1		
14 Exterior Tractor Wash				
15 Exterior Trailer Wash (w/o Internal)				
16 Exterior Trailer Wash (with Internal),	/	1.		
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:	
18 Hand Labor (# Men / # Hours)		1		
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green Stripper)				
21 Passivation				
Hose Cleaning				
Pump Cleaning		thoroughness of the tank	washing procedure or the tol	nakes no guarantees with respect to the all elimination of interior residues and/or
Cleaned By:		moisture. Final inspection of trelease CES Environmental from any allegations that	the equipment remains the rea Services, Inc., Cleaning Divisi the equipment was improper	sponsibility of the customer, and they hereby on, from any responsibility for claims arising by cleaned, resulting in damage or loss.
Inspected By:	Date			Date 6/26/09
	ring and the second of the sec	Signature:	Brown	<u> </u>

CES Environmental Services Container / Tank Cleaning Division

TANK WASH WORK ORDER

4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676

PO # Customer:	7/6			Date:	
53424	上し			C6.76	\sim 00
Tractor Address:				Time:	414
Trailer / Container Number Dropped B	y: \ /			Need By:	
7002	1E315	REA		700	AV
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [-y
TANK TRAILER ROLL TAR		FRAC TANK	POLY TAN		UM TRUCK
	Last Contained	Heel - Hazardous		Drum / F	
1 DEA 85%	_ast Officialies	ricci - riazardous	TICCI - IVOIT I ILL	Didniri	TOIIOII
2					
3					<u> </u>
4	<u> </u>				
5					<u> </u>
CLEANING CODES	WORK PERFORMED		TANK ENTRY I	DEDMIT	
1 Air Dry	WORK FERFORIVIED	0 (40.50), 00.5			45
2 Quick Rinse		Oxygen (19.5% -23.5		_ #3 #4 #3 #4	#5 #5
3 Cold Water Rinse		LEL (<10%) CO ² (<35 ppm)	#1 <u>/</u> #2 #1 <u></u> #2	_ #3 #4 _ #3 #4	#5 #5
4 Hot Water Rinse		Toxic Vapor	#1 #2 #2	_ #3 #4 _ #3 #4	#5 #5
5 Steam Only (Per Hour)		Signature:	プ "一	_ "0	
6 Steam & Dry	4	Stripper Usage:			
7 Rinse, Steam & Dry			· 		
8 Detergent Wash, Rinse & Dry		Comments:		-	
9 Caustic Wash & Dry					
10 Caustic Wash, Rinse & Dry		1	•		
11 Waste Water Surcharge	/	-			1000
12 Solvent Wash (Diesel # Hours)		1			
13 Solvent Wash (Stripper)		-			
14 Exterior Tractor Wash				\$	
15 Exterior Trailer Wash (w/o Internal)		-	•		
16 Exterior Trailer Wash (with Internal)	/	-			
17 Exterior Acid Brite Wash		Authorized Addit	tional Services:		
18 Hand Labor (# Men / # Hours)			_	12 ag	
19 Hydroblaster (# Hours)				*	
20 Solvent Wash (Green Stripper)					,
21 Passivation					
Hose Cleaning			·		
Pump Cleaning		CES Environmental Sen	vices, Inc., Cleaning Division,	makes no guarantees wi	th respect to the
		moisture. Final inspection of release CES Environmental	k washing procedure or the to the equipment remains the n Services, Inc., Cleaning Divi	esponsibility of the custon sion, from any responsibil	ner, and they hereby ity for claims arising
Cleaned By:	Date 6 2 6 9	from any allegations that CES Environmental S	It the equipment was imprope services, Inc., Cleaning Divisi or losses of equipment and/o	orly cleaned, resulting in do	amage or loss.
Inspected By:	Date	Print Name:	305 Ope	n Date C	<u></u>
		Signature:			

CES Environmental Services
Containe / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX.77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO#				ID-4
PO # 53375 Custome	ar:			Date: 6 26.9
Tractor Address				Time:
Trailer / Container Number Dropped	i Bv:		·	Need By:
761	. - 			
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINED [DRY BULK
TANK TRAILER ROLL T		☐ FRAC TANK	POLY TAN	
Compartment #	Last Contained	Heel - Hazardous		Drum / Rolloff
		I leel - I lazai uous	TICCI - NOII-I IAZ	Diditi / Nollott
1 P/H 3/15 nosu	rongte			
3				
	112			
<u>4</u>				
5 CLEANING CODES	WORK PERFORMED		TANK ENTRY	DEDMIT
	WORK PERFORMED		7/	
1 Air Dry 2 Quick Rinse		Oxygen (19.5% -23.59		#3#4#5
3 Cold Water Rinse		LEL (<10%) CO ² (<35 ppm)	#1 <u>0</u> #2 #1 <u>0</u> #2	
4 Hot Water Rinse		Toxic Vapor	#1 <u></u> #2 #1 <u>:></u> #2	
5 Steam Only (Per Hour)		Signature:	"	
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse & Dry	+/	Comments:		
9 Caustic Wash & Dry	 			
10 Caustic Wash, Rinse & Dry	+/	- -		
11 Waste Water Surcharge		1		
12 Solvent Wash (Diesel # Hours)			•	
13 Solvent Wash (Stripper)		<u>-</u>		
14 Exterior Tractor Wash		-		
15 Exterior Trailer Wash (w/o Interna	n /	1		
16 Exterior Trailer Wash (with Interna				
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:	
18 Hand Labor (# Men / # Hours)		_	· ·	¥
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green Stripper)				
21 Passivation				· · · · · · · · · · · · · · · · · · ·
Hose Cleaning				
Pump Cleaning		CES Environmental Serv	ices, Inc., Cleaning Division,	makes no guarantees with respect to the otal elimination of interior residues and/or
Cleaned By:	Date 6 06 9	moisture. Final inspection of trelease CES Environmental from any allegations that CES Environmental S	the equipment remains the re Services, Inc., Cleaning Divi the equipment was imprope	esponsibility of the customer, and they hereby sion, from any responsibility for claims arising inty cleaned, resulting in damage or loss. on, is in no manner responsible for any
Inspected By:	Date	Print Name:	1140 122-1	Date 6 26 09
		Signature:		

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX.77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO # Customer:	I Date /
53420 Customer:	Date: / 2 / 0 9
Tractor Address:	Time:
175	15.3
Trailer / Container Number Dropped By:	Need By:
CONTAINER TYPE: TOTE BIN ROLL DOOR BOX	ISO CONTAINER DRY BULK
TANK TRAILER D ROLL TARP BOX VACUUM BO	
Compartment # Last Contained	Heel - Hazardous Heel - Non-Haz Drum / Rolloff
1 Pedio, Expos Dist	
2	
3	
4	
5	
CLEANING CODES WORK PERFORMED	TANK ENTRY PERMIT
1 Air Dry	Oxygen (19.5% -23.5%) #1 #2 #3 #4 #5
2 Quick Rinse	LEL (<10%) #1 #2 #3 #4 #5
3 Cold Water Rinse	CO ² (<35 ppm) #1 #2 #3 #4 #5
4 Hot Water Rinse	Toxic Vapor #1 #2 #3 #4 #5
5 Steam Only (Per Hour)	Signature:
6 Steam & Dry	Stripper Usage:
7 Rinse, Steam & Dry	
8 Detergent Wash, Rinse & Dry	Comments:
9 Caustic Wash & Dry	
10 Caustic Wash, Rinse & Dry	
11 Waste Water Surcharge	
12 Solvent Wash (Diesel # Hours)	
13 Solvent Wash (Stripper)	
14 Exterior Tractor Wash	
15 Exterior Trailer Wash (w/o Internal)	
16 Exterior Trailer Wash (with Internal)	
17 Exterior Acid Brite Wash	Authorized Additional Services:
18 Hand Labor (# Men / # Hours)	
19 Hydroblaster (# Hours)	
20 Solvent Wash (Green Stripper)	
21 Passivation	
Hose Cleaning	
Pump Cleaning	CES Environmental Services, Inc., Cleaning Division, makes no guarantees with respect to the thoroughness of the tank washing procedure or the total elimination of interior residues and/or moisture. Final inspection of the equipment remains the responsibility of the customer, and they here release CES Environmental Services, Inc., Cleaning Division, from any responsibility for claims arisi from any allegations that the equipment was improperly cleaned, resulting in damage or loss.
Cleaned By: Date 6.36 9	CES Environmental Services, Inc., Cleaning Division, is in no manner responsible for any damages or losses of equipment and/or materials left in their yard.
Inspected By: Date	Print Name: Date
	Signature:

/ironmental Services

TANK WASH WORK ORDER

riggs Rd. • Houston, TX 77 hone: (713) 676-1460 Fax: (71	3) 676-1676			24606
PO# Custom I	er: / 5	***		Date: / 26/08
Tractor Address	3:			Time:
Trailer / Container Number Droppe	d By:			Need By:
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK
TANK TRAILER ROLL	TARP BOX	☐ FRAC TANK	POLY TAN	K 🔲 VACUUM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 To: 6400)				
2	A company and the second			
<u> </u>				
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	DEDMIT
1 Air Dry	WORK FERT CRIVIED	0 (40.50) 00.5		
2 Quick Rinse	<u> </u>	Oxygen (19.5% -23.5 LEL (<10%)	%) #1 <u>× ×</u> -#2 #1 ① #2	#3#4#5 _#3#4#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1#2	_ #3 #4 #5 _ #3 #4 #5
4 Hot Water Rinse		Toxic Vapor	#1 2 #2	#3 #4 #5 #3 #4 #5
		Signature:	" 1 <u></u> "E	_ "0 "0
5 Steam Only (Per Hour)		Stripper Usage:		
6 Steam & Dry				
7 Rinse, Steam & Dry		Comments:		
8 Detergent Wash, Rinse & Dry				
9 Caustic Wash & Dry				
10 Caustic Wash, Rinse & Dry				a.
11 Waste Water Surcharge				
12 Solvent Wash (Diesel # Hours)				
13 Solvent Wash (Stripper)				
14 Exterior Tractor Wash	-0			
15 Exterior Trailer Wash (w/o Intern				
16 Exterior Trailer Wash (with Intern	ai)	Authorized Addit	ional Senices:	
17 Exterior Acid Brite Wash		Authorized Addit	ional Services.	
18 Hand Labor (# Men / # Hours)	· · ·			
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green Stripper)				
21 Passivation		1		
Hose Cleaning	10	CES Environmental San	dose Inc. Cleaning Division	, makes no guarantees with respect to the
Pump Cleaning		thoroughness of the tan moisture. Final inspection of	k washing procedure or the t the equipment remains the r	otal elimination of interior residues and/or esponsibility of the customer, and they her
	1. 21.6	release CES Environmental from any allegations tha	Services, Inc., Cleaning Divi t the equipment was impropo	sion, from any responsibility for claims arisi arly cleaned, resulting in damage or loss.
Cleaned By:	Date 6-269	CES Environmental S damages	ervices, Inc., Cleaning Division losses of equipment and/o	on, is in no manner responsible for any or materials left in their yard.
Inspectation of the Control of the C				
Inspected By:	Date	Print Name:		Date

Signature:

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX-77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

TANK WASH WORK ORDER

PO \$ 3419 Customer:	ITS			Date:	6-09
Tractor Address:				Time:	
Trailer / Container Number Dropped B	y:			Need By: ASA	P
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK	
☐ TANK TRAILER ☐ ROLL TAF	RP BOX	☐ FRAC TANK	POLY TAN	K 🔲 VACUI	UM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / F	Rolloff
1 Ethanola	mine				
2					
3					· · · · · · · · · · · · · · · · · · ·
4					
5					ν- <u> </u>
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry		Oxygen (19.5% -23.5	%) #1/1 0 #2	#3#4_	#5
2 Quick Rinse		LEL (<10%)	#1 <u> </u>		#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 #2		#5
4 Hot Water Rinse		Toxic Vapor	#1#2	#3 #4	#5
5 Steam Only (Per Hour)		Signature:	九		
6 Steam & Dry	<i>y</i> *	Stripper Usage:			
7 Rinse, Steam & Dry					• ,
8 Detergent Wash, Rinse & Dry		Comments:			· · · · · · · · · · · · · · · · · · ·
9 Caustic Wash & Dry					
10 Caustic Wash, Rinse & Dry					
11 Waste Water Surcharge					
12 Solvent Wash (Diesel # Hours)					
13 Solvent Wash (Stripper)					
14 Exterior Tractor Wash				- 	
15 Exterior Trailer Wash (w/o Internal)					
16 Exterior Trailer Wash (with Internal)				,3s.,	
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:		
18 Hand Labor (# Men / # Hours)			·		
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green Stripper)					
21 Passivation					-
Hose Cleaning					,
Pump Cleaning		thoroughness of the tank	rices, Inc., Cleaning Division k washing procedure or the t	otal elimination of interior:	residues and/or
Cleaned By:	Date 6 26 9	CES Environmental S	the equipment remains the r Services, Inc., Cleaning Divi t the equipment was imprope ervices, Inc., Cleaning Division or losses of equipment and/o	sion, from any responsibili orly cleaned, resulting in di ion, is in no manner respo	ity for claims arising amage or loss.
Inspected By:	Date	Print Name:	harter	Date_	20-0
		Signature:		1	1 . S

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

			· · · · · · · · · · · · · · · · · · ·			
53415	Customer:	ITS			Date: 6/2.	4/09
Tractor	Address:				Time:	
Trailer / Container Number	Dropped By	v: •	· · · · · · · · · · · · · · · · · · ·	4.15.	Need By:	·
6701		Setglo Domin	\$1.FZ	**		
CONTAINER TYPE: T	OTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER C	DRY BULK	
	ROLL TAR		☐ FRAC TANK	POLY TAN		IUM TRUCK
Compartment #		ast Contained	Heel - Hazardous	Heel - Non-Haz	Drum /	
1		Q - 300	·	- Company of the Comp		
2		3				
3	·					
4						
5						
CLEANING CODES		WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry	T		Oxygen (19.5% -23.5		#3 #4	#5
2 Quick Rinse			LEL (<10%)	#1 > #2	#3#4	#5
3 Cold Water Rinse			CO ² (<35 ppm)	#1_^>_ #2	#3 #4	#5
4 Hot Water Rinse			Toxic Vapor	#1_2_#2	#3#4	#5
5 Steam Only (Per Hour)			Signature:	JE		
6 Steam & Dry			Stripper Usage:			
7 Rinse, Steam & Dry						
8 Detergent Wash, Rinse &	Dry		Comments:		• • • • •	
9 Caustic Wash & Dry						
10 Caustic Wash, Rinse & I	Ory			-		
11 Waste Water Surcharge					•	
12 Solvent Wash (Diesel #	Hours)					
13 Solvent Wash (Stripper)						
14 Exterior Tractor Wash					<i>*</i>	
15 Exterior Trailer Wash (w/			_			
16 Exterior Trailer Wash (wi			Authorized Addit	ional Sondoos		
17 Exterior Acid Brite Wash			- Authorized Addit	ional Services. —		
18 Hand Labor (# Men / # H	nours)					
19 Hydroblaster (# Hours)20 Solvent Wash (Green St	rinnor)		-			
21 Passivation	iippei)				· · · · · · · · · · · · · · · · · · ·	
Hose Cleaning				· · · · · · · · · · · · · · · · · · ·	A. Park	
Pump Cleaning	· · · · · · · · · · · · · · · · · · ·		CES Environmental Serv	rices, Inc., Cleaning Division,	makes no guarantees w	ith respect to the
		1-21.9	moisture. Final inspection of release CES Environmental	k washing procedure or the to the equipment remains the ro Services, Inc., Cleaning Divi t the equipment was imprope	esponsibility of the custo sion, from any responsib	mer, and they hereby ility for claims arising
Cleaned By:		Date 6-269	CES Environmental S damages	ervices, Inc., Cleaning Divisi or losses of equipment and/o	on, is in no manner respo r materials left in their ya	onsible for any ard.
Inspected By:		Date	Print Name:		Date	
			Signature:			

CES Environmental Services

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676 TANK WASH WORK ORDER

PO # Customer:				Date:	00
55447				6-27	<u>-04</u>
Tractor 173 Address:				Time:	
Trailer / Container Number Dropped E	y: 1 1		-	Need By:	
2042	William				
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	ISO CONT	AINER [DRY BULK	
☐ TANK TRAILER ☐ ROLL TAR	RP BOX	☐ FRAC TANK	POLY TAN	K 🔲 VACL	JUM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum /	Rolloff
1 AL-30)4				
2 Not Dot	Regulated				
3					
4					
5					
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry		Oxygen (19.5% -23.5	%) # <u>\$PO_1</u> #2	#3#4	#5
2 Quick Rinse		LEL (<10%)	#1 = #2	#3 #4	<u>#5</u>
3 Cold Water Rinse		CO ² (<35 ppm)	#1#2	#3 #4	#5
4 Hot Water Rinse		Toxic Vapor	#1 2 #2	#3 #4	#5
5 Steam Only (Per Hour)		Signature: L	11		
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse & Dry		Comments:			
9 Caustic Wash & Dry					
10 Caustic Wash, Rinse & Dry					
11 Waste Water Surcharge					
12 Solvent Wash (Diesel # Hours)		4			
13 Solvent Wash (Stripper)		_			
14 Exterior Tractor Wash		•			
15 Exterior Trailer Wash (w/o Internal)					
16 Exterior Trailer Wash (with Internal)		Authorized Addit	ional Services:		·
17 Exterior Acid Brite Wash	A	- Authorized Addit		·	
18 Hand Labor (# Men / # Hours)					
19 Hydroblaster (# Hours)20 Solvent Wash (Green Stripper)		· ·			
21 Passivation			<u>*</u>		
Hose Cleaning					<u></u>
Pump Cleaning		CES Environmental Ser	vices, Inc., Cleaning Division	, makes no guarantees v	with respect to the
Red	\ \) = G	moisture. Final inspection of release CES Environmental	k washing procedure or the t the equipment remains the Services, Inc., Cleaning Divi t the equipment was improp	responsibility of the custo ision, from any responsib	mer, and they here pility for claims arisi
Cleaned By:	Date	CES Environmental S damages	lervices, Inc., Cleaning Divis or losses of equipment and/o	ion, is in no manner resp or materials left in their y	onsible for any ard.
Inspected By:	Date	Print Name:		Date	
		Oi-mantuma.			

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1670

PO# 0	Customer:	75				Date:	-27	09
Tractor A	Address:					Time:	?:/7	7
Trailer / Container Number		y: sic GA	RZ	A		Need I		.,
	TE BIN ROLL TAR	ROLL DOOR	ВОХ	☐ ISO CONTA	AINER DOLY TAN	DRY B	_*	M TRUCK
Compartment #	L	ast Contained		Heel - Hazardous	Heel - Non-Haz		Drum / Ro	olloff
1 PMAC								50 V
2 PONDC	· ·	· · · · · · · · · · · · · · · · · · ·				1		
3 DDA								
4				· ·		. !	· · · · · · · · · · · · · · · · · · ·	
5								· · · · · · ·
CLEANING CODES		WORK PERFOR	MED		TANK ENTRY	PERMIT	•	
1 Air Dry				Oxygen (19.5% -23.5%	777	#3	#4	#5
2 Quick Rinse				LEL (<10%)	#1 2 #2	_ #3	#4	#5
3 Cold Water Rinse				CO ² (<35 ppm)	#1 #2		#4	_ #5
4 Hot Water Rinse				Toxic Vapor	#1 #2	#3	#4	_ #5
5 Steam Only (Per Hour)			.,	Signature:	5U	· · · · · · · · · · · · · · · · · · ·	.	
6 Steam & Dry				Stripper Usage:				
7 Rinse, Steam & Dry							•	
8 Detergent Wash, Rinse &	Dry	1		Comments:				
9 Caustic Wash & Dry								of and Frankling
10 Caustic Wash, Rinse & D	ry	1	· .	1				
11 Waste Water Surcharge								
12 Solvent Wash (Diesel # H	lours)							
13 Solvent Wash (Stripper)							·	
14 Exterior Tractor Wash		7						
15 Exterior Trailer Wash (w/c	Internal)							
16 Exterior Trailer Wash (wit	h Internal)			:				
17 Exterior Acid Brite Wash				Authorized Addit	ional Services:			
18 Hand Labor (# Men / # H	ours)					-		
19 Hydroblaster (# Hours)			•					
20 Solvent Wash (Green Str	ipper)							
21 Passivation								
Hose Cleaning								
Pump Cleaning Cleaned By: TC		Date_ 6- 20	19	thoroughness of the tank moisture. Final inspection of t release CES Environmental from any allegations that	Services, Inc., Cleaning Divident the equipment was improper the equipment was improper to the equipment was improved to the e	otal elimination esponsibility of sion, from amonty cleaned, i	in of interior res of the customer, y responsibility resulting in dam	idues and/or , and they hereby for claims arising lage or loss.
Inspected By:		Date			ervices, Inc., Cleaning Division of losses of equipment and/or of the losses of equipment and or of the losses of equipment and or of the losses of equipment and or of equipment and or of the losses of equipment and or of equi			
				Signature:	Jes Lle			

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX,77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO # Custon	mer:			Date:	
53 451		5		6/20	8/09
Tractor Addres	ss:			Time:	8/09 = 00
Trailer / Container Number Dropp	ed By:			Need By:	
693					
CONTAINER TYPE: TOTE B	IN ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK	
	TARP BOX	☐ FRAC TANK	POLY TAN		UM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	1	
1					
2					
3					
4					
5					_
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry		Oxygen (19.5% -23.5	%) #AP O. 1 #2	#3 #4	#5
2 Quick Rinse		LEL (<10%)	#1 2 #2	#3#4	#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 #2	#3 #4	#5
4 Hot Water Rinse		Toxic Vapor	#1 #2	#3 #4	#5
5 Steam Only (Per Hour)		Signature:	Je		<u>-</u>
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry				· · · · · · · · · · · · · · · · · · ·	
8 Detergent Wash, Rinse & Dry		Comments:			
9 Caustic Wash & Dry					
10 Caustic Wash, Rinse & Dry					
11 Waste Water Surcharge					
12 Solvent Wash (Diesel # Hours)					
13 Solvent Wash (Stripper)		: '			
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (w/o Interior					
16 Exterior Trailer Wash (with Inter	rnal)	A 45 1 A -1-P4	<u> </u>	· · · · · · · · · · · · · · · · · · ·	
17 Exterior Acid Brite Wash		Authorized Addit	ional Services: 		
18 Hand Labor (# Men / # Hours)			· · · · · · · · · · · · · · · · · · ·		
19 Hydroblaster (# Hours)		<u> </u>			
20 Solvent Wash (Green Stripper)		- tw			
21 Passivation					
Hose Cleaning		CES Environmental Serv	rices, Inc., Cleaning Division	makes no quarantees w	th respect to the
Pump Cleaning Cleaned By:	Date 6 289	thoroughness of the tank moisture. Final inspection of release CES Environmental from any allegations that CES Environmental S	k washing procedure or the to the equipment remains the r Services, Inc., Cleaning Divist the equipment was impropo- tervices, Inc., Cleaning Divisi	otal elimination of interior responsibility of the custor ision, from any reaponsibil erly cleaned, resulting in c ion, is in no manner responsibility.	residues and/or ner, and they hereby lity for claims arising damage or loss. onsible for any
Inspected By:	Date		or losses of equipment and/o		
		Print Namet	Local	7	-907

*CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax:*(713) 676-1676

PO # Customer:		· · · · · · · · · · · · · · · · · · ·		Date:	
<u>53450</u>	417				804
Tractor Address:				Time:	
Trailer / Container Number Dropped E	By:			Need By:	
942	Stry10 Dom	infuez	· · · · · · · · · · · · · · · · · · ·		1.
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	ISO CONT	AINER [DRY BULK	
TANK TRAILER ROLL TAN	RP BOX	☐ FRAC TANK	POLY TAN	K 🔲 VAC	UUM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum	/ Rolloff
1 0	10A-304				
2					· • •
3					
4		4			+ /
5					
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry		Oxygen (19.5% -23.5%	%) #20·1 #2	#3 #4	#5
2 Quick Rinse		LEL (<10%)	#1 0 #2	#3#4_	#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 0 #2	#3#4	#5
4 Hot Water Rinse		Toxic Vapor	#1 2 #2	#3#4	#5
5 Steam Only (Per Hour)		Signature:	<u> </u>		
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse & Dry		Comments:			
9 Caustic Wash & Dry					
10 Caustic Wash, Rinse & Dry]			
11 Waste Water Surcharge					
12 Solvent Wash (Diesel # Hours)					
13 Solvent Wash (Stripper)					
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (w/o Internal)]			
16 Exterior Trailer Wash (with Internal)				1,	
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:		
18 Hand Labor (# Men / # Hours)					
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green Stripper)					
21 Passivation					
Hose Cleaning					
Pump Cleaning	1 7 9	thoroughness of the tank moisture. Final inspection of release CES Environmental	ices, Inc., Cleaning Division, washing procedure or the to the equipment remains the ro Services, Inc., Cleaning Divis the equipment was imprope	otal elimination of inter esponsibility of the cus sion, from any respons	ior residues and/or stomer, and they hereby sibility for claims arising
Cleaned By:	Date 6 8 9		ervices, Inc., Cleaning Division of the control of	r materials left in their	yard.
Inspected By:	Date	Print Name:	· · · · · · · · · · · · · · · · · · ·	Date_	6-2809
	ing salah	Signature:			

tainer / Tank Cleaning Division

904 Grides Rd. • Houston, TX 77021

Phone: (713) 676-1460 • Fax: (713) 676-1676

PO# 534/4	Customer:	TTS				Date:	7	9 2 9
Tractor A	Address:				· · · · · · · · · · · · · · · · · · ·	Time:	, - 2	7. 3 7
184						1 /	د '، ا) pm
Trailer / Container Number	Dropped By:					Need B		
3396		PAVIE G.	AR	20				
CONTAINER TYPE: TO	OTE BIN	ROLL DOOR BO	X	☐ ISO CONTA	AINER [DRY BI	JLK	
☐ TANK TRAILER ☐	ROLL TARP	BOX	ВОХ	FRAC TANK	POLY TAN	к 🗖	VACUU	JM TRUCK
Compartment #	Lá	ast Contained		Heel - Hazardous	Heel - Non-Haz		rum / R	olloff
1 BARRIOR			. 1					-
2 RAK	e F	Tuid 3						
3								
4								
5								
CLEANING CODES		WORK PERFORME	D		TANK ENTRY	PERMIT		
1 Air Dry	·			Oxygen (19.5% -23.5%	6) #100 00#2	#3	#4	#5
2 Quick Rinse				LEL (<10%)	#1_0 #2	#3	_ #4	#5
3 Cold Water Rinse				CO ² (<35 ppm)	#1_0 #2	#3	#4	#5
4 Hot Water Rinse	<u> </u>			Toxic Vapor	#1 #2	#3	_ #4	#5
5 Steam Only (Per Hour)				Signature:	<u> </u>			
6 Steam & Dry			•	Stripper Usage:				
7 Rinse, Steam & Dry	/							
8 Detergent Wash, Rinse &	Dry 🗸			Comments:				
9 Caustic Wash & Dry								
10 Caustic Wash, Rinse & D	ry							
11 Waste Water Surcharge								
12 Solvent Wash (Diesel # H	lours)							
13 Solvent Wash (Stripper)		<u> </u>						
14 Exterior Tractor Wash								
15 Exterior Trailer Wash (w/c								
16 Exterior Trailer Wash (wit	h Internal)			A 14			,	
17 Exterior Acid Brite Wash				Authorized Additi	onal Services:	-		
18 Hand Labor (# Men / # H	ours)		il.					
19 Hydroblaster (# Hours)						<u></u>		
20 Solvent Wash (Green Str	ipper)							· · · · · · · · · · · · · · · · · · ·
21 Passivation				·	-		***	
Hose Cleaning				CEC Engineeratel Cons	ess Ing. Classics Division	makes as a su		
Pump Cleaning Cleaned By:	J.R.	Date 6-30-	09	thoroughness of the tank moisture. Final inspection of the release CES Environmental Sections that from any allegations that CES Environmental Sections.	Services, Inc., Cleaning Divi the equipment was improper ervices, Inc., Cleaning Divisi	otal elimination esponsibility of ision, from any erfy cleaned, re ion, is in no ma	of interior re the custome responsibility sulting in dai	esidues and/or or, and they hereby y for claims arising mage or loss.
Inspected By:		Date	•	damages o	r losses of equipment and/o	r materials left	in their yard.	•
			esal of the	Print Name:	Le Co	a	200	

CES Environmental Services

TANK WASH WORK ORDER

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 7702† Phone: (713) 676-1460 • Fax:*(713) 676-1676

PO # Customer:	Date:	
53 444 + 15	6-29-27	
Tractor 75 Address: 10213 GEAS GAZON	CHANNELLIEW TX Time: 920 (M	
Trailer / Container Number Dropped By:	Need By:	
670) ANTRONY TO	AYLOR	
CONTAINER TYPE: TOTE BIN ROLL DOOR BOX	☐ ISO CONTAINER ☐ DRY BULK	-
☐ TANK TRAILER ☐ ROLL TARP BOX ☐ VACUUM BOX		JCK
Compartment # Last Contained	Heel - Hazardous Heel - Non-Haz Drum / Rolloff	
1 MEA 9997	>	
2	5	
3		
5		
CLEANING CODES WORK PERFORMED	TANK ENTRY PERMIT	
1 Air Dry	Oxygen (19.5% -23.5%) #1 / C#2 #3 #4 #5	
2 Quick Rinse	LEL (<10%) #1 #2 #3 #4 #5_	
3 Cold Water Rinse	CO ² (<35 ppm) #1 2 #2 #3 #4 #5	
4 Hot Water Rinse	Toxic Vapor #1 #2 #3 #4 #5	
5 Steam Only (Per Hour)	Signature:	
6 Steam & Dry	Stripper Usage:	7
7 Rinse, Steam & Dry		
8 Detergent Wash, Rinse & Dry	Comments:	
9 Caustic Wash & Dry		
10 Caustic Wash, Rinse & Dry		
11 Waste Water Surcharge		
12 Solvent Wash (Diesel # Hours)		
13 Solvent Wash (Stripper)		
14 Exterior Tractor Wash		
15 Exterior Trailer Wash (w/o Internal)		
16 Exterior Trailer Wash (with Internal)		
17 Exterior Acid Brite Wash	Authorized Additional Services:	
18 Hand Labor (# Men / # Hours)	23	
19 Hydroblaster (# Hours)		
20 Solvent Wash (Green Stripper)		
21 Passivation		
Hose Cleaning		
Pump Cleaning	CES Environmental Services, Inc., Cleaning Division, makes no guarantees with respect to thoroughness of the tank washing procedure or the total elimination of interior residues and	d/or
Cleaned By: Date Date	moisture. Final inspection of the equipment remains the responsibility of the customer, and they release CES Environmental Services, Inc., Cleaning Division, from any responsibility for claims from any allegations that the equipment was improperly cleaned, resulting in damage or loc	6 \$.
Inspected By: Date	Print Name: Date	
	- microanio	
	Signature:	

TANK WASH WORK ORDER ES Environmental Services Jontainer / Tank €leaning Division 4904 Griggs Rd. . Houston, TX 77021* 24670 Phone: (713) 676-1460 • Fax: (713) 676-1676 PO# Customer: Date: W. Tractor Address: Time: 119 I(I)Trailer / Container Number Dropped By: Need By: 650 3 CONTAINER TYPE: TOTE BIN ☐ ROLL DOOR BOX ☐ ISO CONTAINER DRY BULK TANK TRAILER ☐ FRAC TANK ROLL TARP BOX ☐ VACUUM BOX ☐ POLY TANK ☐ VACUUM TRUCK Compartment_i# **Last Contained** Heel - Hazardous | Heel - Non-Haz Drum / Rolloff Spelick -3 5 **CLEANING CODES WORK PERFORMED** TANK ENTRY PERMIT 1 Air Dry Oxygen (19.5% -23.5%) # 1/2 _____ #3_____ #4 2 Quick Rinse LEL (<10%) #1<u>^</u> #2_____#3____#4____#5___ 3 Cold Water Rinse CO² (<35 ppm) #1_____ #2_____ #3_____ #4____ #1_____ #2____ #3____ #4____ #5_ Toxic Vapor 4 Hot Water Rinse Signature:___ 5 Steam Only (Per Hour) Stripper Usage: 6 Steam & Dry 7 Rinse, Steam & Dry Comments: 8 Detergent Wash, Rinse & Dry 9 Caustic Wash & Dry 10 Caustic Wash, Rinse & Dry 11 Waste Water Surcharge 12 Solvent Wash (Diesel # Hours) 13 Solvent Wash (Stripper) 14 Exterior Tractor Wash 15 Exterior Trailer Wash (w/o Internal) 16 Exterior Trailer Wash (with Internal) **Authorized Additional Services:** 17 Exterior Acid Brite Wash 18 Hand Labor (# Men / # Hours) 19 Hydroblaster (# Hours) 20 Solvent Wash (Green Stripper) 21 Passivation Hose Cleaning CES Environmental Services, Inc., Cleaning Division, makes no guarantees with respect to the thoroughness of the tank washing procedure or the total elimination of interior residues and/or moisture. Final inspection of the equipment remains the responsibility of the customer, and they hereby release CES Environmental Services, Inc., Cleaning Division, from any responsibility for claims arising from any allegations that the equipment was improperly cleaned, resulting in damage or loss. **Pump Cleaning** Cleaned By:_ CES Environmental Services, Inc., Cleaning Division, is in no manner responsible for any damages or losses of equipment and/or materials left in their yard.

Date

Print Name:___

Signature:_

Inspected By:

CES Environmental Services
Container Tank Cleaning Division
4904 Griggs Rd. • Houston, TX,77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO # Cusi		· · · · · · · · · · · · · · · · · · ·		
53411 Cus	tomer:			Date: /29 / 3
	ress:			Time: 14/23
Trailer / Container Number Drop	oped By:	a.M		Need By:
CONTAINER TYPE: TOTE	BIN ROLL DOOR BOX	☐ ISO CONT	ANIED [DRY BULK
	PLL TARP BOX VACUUM BOX		POLY TAN	and the second s
Compartment #	Last Contained	Heel - Hazardous		Drum / Rolloff
16AS Additine	Edot Contained	TIOOT TIAZAIGOGO	TICCI IVOITIUE	Diani / Honon
				
2				
3	· · · · · · · · · · · · · · · · · · ·			
4				
5	W00// 050505/450		744117 741777	
CLEANING CODES	WORK PERFORMED		TANK ENTRY	
1 Air Dry		Oxygen (19.5% -23.5		#3 #4 #5
2 Quick Rinse		LEL (<10%)	and the state of t	#3#4#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1#2	
4 Hot Water Rinse		Toxic Vapor Signature:	#1_3#2	#3 #4 #5
5 Steam Only (Per Hour)			<i>'</i>	
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry			3	
8 Detergent Wash, Rinse & Dry	/	Comments:		
9 Caustic Wash & Dry				
10 Caustic Wash, Rinse & Dry				
11 Waste Water Surcharge	/			
12 Solvent Wash (Diesel # Hour	<u>s)</u>			
13 Solvent Wash (Stripper)				
14 Exterior Tractor Wash		· · ·		
15 Exterior Trailer Wash (w/o Int				
16 Exterior Trailer Wash (with In	ternal)			
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:	
18 Hand Labor (# Men / # Hours	s)			
19 Hydroblaster (# Hours)		***		
20 Solvent Wash (Green Strippe	er)		· · · · · · · · · · · · · · · · · · ·	
21 Passivation				
Hose Cleaning		2505		
Pump Cleaning		thoroughness of the tan moisture. Final inspection of release CES Environmental	k washing procedure or the t the equipment remains the Services, Inc., Cleaning Divi	, makes no guarantees with respect to the lotal elimination of interior residues and/or responsibility of the customer, and they hereby ision, from any responsibility for claims arising erly cleaned, resulting in damage or loss.
Cleaned By:	Date 6 31 9	CES Environmental S		ion, is in no manner responsible for any
Inspected By:	Date	Print Name:		Date
		Signature:		

Environmental Services

Liner / Tank Cleaning Division

14 Griggs Rd. • Houston, TX 77021

Phone: (713) 676-1460 • Fax: (713) 676-1676

P0#53915 Customer:	ITS			Date: (√30	19
Tractor Address:	Time: 1145 A.M				
Trailer / Container Number Dropped B		<u> </u>		Need By:	
3392	Heclor S	alinas		A53H	
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	_ ISO CONT		DITT DOLK	
TANK TRAILER ROLL TAR	RP BOX	☐ FRAC TANK	POLY TANK	VACUL	M TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel Non-Haz	Drum / R	olloff
1 Waste Water					
2					
3					
4					
5					
CLEANING CODES	WORK PERFORMED		TANK ENTRY F	PERMIT	
1 Air Dry		Oxygen (19.5% -23.59	%) ## G. 1 1 #2	#3#4	#5
2 Quick Rinse		LEL (<10%)	#1 <u>4</u> #2		#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 #2	#3#4	#5
4 Hot Water Rinse	,	Toxic Vapor	#1/#2	_ #3 #4	#5
5 Steam Only (Per Hour)		Signature:)	2		
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse & Dry	K.,	Comments:		, i	
9 Caustic Wash & Dry	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
10 Caustic Wash, Rinse & Dry		1			
11 Waste Water Surcharge			3 2		
12 Solvent Wash (Diesel # Hours)					
13 Solvent Wash (Stripper)		1			
14 Exterior Tractor Wash		1			
15 Exterior Trailer Wash (w/o Internal)					
16 Exterior Trailer Wash (with Internal)					
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:		
18 Hand Labor (# Men / # Hours)					
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green Stripper)					
21 Passivation					
Hose Cleaning					
Pump Cleaning		thoroughness of the tank	ices, Inc., Cleaning Division, washing procedure or the to	tal elimination of interior re	esidues and/or
***************************************	2	moisture. Final inspection of t release CES Environmental	the equipment remains the re Services, Inc., Cleaning Divis	sponsibility of the custome tion, from any responsibility	er, and they hereby y for claims arising
Cleaned By:	K. Date 30-09	CES Environmental S	the equipment was imprope ervices, Inc., Cleaning Division or losses of equipment and/or	on, is in no manner respons	sible for any :/
Inspected By:	Date	- Lla	tor R Salv	MS Date (0)	12/19
		Print Name	7 7 7111	Date_U	77 1
		Signature:	Dalu	ls	

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO # 53 1/3 / Custo	omer:			Date: 30-9 Time: 3:10 pm
Tractor Addre	98S:			Time: 3: 10 pm
Trailer / Container Number Dropp	ped By:			Need By:
CONTAINER TYPE: TOTE E	BIN ROLL DOOR BOX	ISO CONT. FRAC TANK	AINER DOLY TAN	DRY BULK K D VACUUM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 () CA - 222/	alucel			
2				
3			· · · · · · · · · · · · · · · · · · ·	
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	<u> </u>
1 Air Dry		Ow/gen /19 5% -23 59	%) #1 <u>2/ 3</u> #2	#3#4#5
2 Quick Rinse		LEL (<10%)	#1 #2	
3 Cold Water Rinse		CO ² (<35 ppm)		
4 Hot Water Rinse		Toxic Vapor	#1_>_ #2	
5 Steam Only (Per Hour)		Signature:	L	
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse & Dry		Comments:		
9 Caustic Wash & Dry		1		
10 Caustic Wash, Rinse & Dry		-		
11 Waste Water Surcharge				
12 Solvent Wash (Diesel # Hours)	-		
13 Solvent Wash (Stripper)	<u> </u>		···1	
14 Exterior Tractor Wash				
15 Exterior Trailer Wash (w/o Inte	rnal)			
16 Exterior Trailer Wash (with Inte				
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:	
18 Hand Labor (# Men / # Hours)		7	· · · · · · · · · · · · · · · · · · ·	
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green Stripper)			
21 Passivation				
Hose Cleaning				
Pump Cleaning		CES Environmental Serv	ices, Inc., Cleaning Division,	makes no guarantees with respect to the otal elimination of interior residues and/or
Cleaned By:	Date 6-30-9	moisture. Final inspection of release CES Environmental from any allegations that CES Environmental S	the equipment remains the re Services, Inc., Cleaning Divi the equipment was imprope	esponsibility of the customer, and they hereby sion, from any responsibility for claims arising orly cleaned, resulting in damage or loss. on, is in no manner responsible for any
Inspected By:	Date	Print Name:		Date
		Signature:		

SEnvironmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO # 53476 Customer	= 175			Date:	20-9
Tractor / CO 8 Address:			-	Time:	
Trailer / Container Number Dropped I	Ву:			Need By:	
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK	
TANKTRAILER ROLL TA	and the first of t	☐ FRAC TANK	POLY TAN		CUUM TRUCK
Compartment #	Last Contained	Heel - Hazardous			/ Rolloff/
1 Wax ISL	- National Control of the Control of		70-		
2			1>	<u> </u>	
3					
4					
5					
CLEANING CODES	WORK PERFORMED		TANK ENTRY	DEDMIT	
1 Air Dry	WORK PERFORMED	0 (10.50) 00.51			
2 Quick Rinse		Uxygen (19.5% -23.5)	%) # <u>Q.o.o.b</u> #2 #1 o _#2		#5 #5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 <u>0</u> #2		#5 #5
4 Hot Water Rinse		Toxic Vapor	#1#2		
5 Steam Only (Per Hour)		Signature:5			
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse & Dry		Comments:			
9 Caustic Wash & Dry					
10 Caustic Wash, Rinse & Dry			**		
11 Waste Water Surcharge		-			
12 Solvent Wash (Diesel # Hours)					
13 Solvent Wash (Stripper)		_		A.	
14 Exterior Tractor Wash		-			7
15 Exterior Trailer Wash (w/o Internal)					
16 Exterior Trailer Wash (with Internal)	 				
17 Exterior Acid Brite Wash	/	Authorized Addit	ional Services:		· · · · · · · · · · · · · · · · · · ·
18 Hand Labor (# Men / # Hours)			_	· · · · · · · · · · · · · · · · · · ·	
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green Stripper)					
21 Passivation					
Hose Cleaning					
Pump Cleaning		CES Environmental Serv	ices, Inc., Cleaning Division washing procedure or the t	, makes no guarantee	s with respect to the
Cleaned By: ARSI	. Date 7-1-09	moisture. Final inspection of release CES Environmental from any allegations that	the equipment remains the r	esponsibility of the cu ision, from any respor erly cleaned, resulting	stomer, and they hereby sibility for claims arising in damage or loss.
Inspected By:	Date	Print Name:	ssCa	Date	<u>6-30-0</u> 1.
		Signature:			f a

CES Environmental Services
Container / Tank Cleaning Division
4964 Griggs Rd. • Houston, TX 77021*
•Phone: (713) 676-1460 • Fax: (713) 676-1676

, , , , , , , , , , , , , , , , , , ,				
PO# Customer				Date:/
			· · · · · · · · · · · · · · · · · · ·	V /
Tractor Address:				Time:
128				15:13
Trailer / Container Number Dropped J	3 y:[∖			Need By:
7000	M V		·	
CONTAINER TYPE: TOTÉ BIN	ROLL DOOR BOX	ISO CONT	_	DRY BULK
TANK TRAILER	RP BOX	FRAC TANK	POLY TAN	VACUUM TRUCK
/Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 whole Turning				
2				
3				
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.5	%) # <u>PO. /</u> #2	#3#4#5
2 Quick Rinse		LEL (<10%)	#1 #2	#3#4#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 #2	#3 #4 #5
4 Hot Water Rinse		Toxic Vapor	#1 <u>_</u> 3#2	#3#5
5 Steam Only (Per Hour)		Signature: \mathcal{J}	<u> </u>	
6 Steam & Dry	A ^k	Stripper Usage:		
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse & Dry		Comments:		
9 Caustic Wash & Dry		7		
10 Caustic Wash, Rinse & Dry				
11 Waste Water Surcharge				
12 Solvent Wash (Diesel # Hours)				
13 Solvent Wash (Stripper)				
14 Exterior Tractor Wash				
15 Exterior Trailer Wash (w/o Internal)				
16 Exterior Trailer Wash (with Internal)		1		
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:	
18 Hand Labor (# Men / # Hours)				
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green Stripper)				
21 Passivation				
Hose Cleaning				
Pump Cleaning		CES Environmental Servithoroughness of the tank	ices, Inc., Cleaning Division,	makes no guarantees with respect to the tall elimination of interior residues and/or
		moisture. Final inspection of t release CES Environmental	he equipment remains the re Services, Inc., Cleaning Divis	esponsibility of the customer, and they hereby sion, from any responsibility for claims arising
Cleaned By: BH - JL	Date_6 30 9	from any allegations that CES Environmental S	the equipment was imprope	rty cleaned, resulting in damage or loss. on, is in no manner responsible for any
Inspected By:	Dete			
Inspected By:	Date	Print Name:	·	Date
	e Medical Communication (Communication)			
		Signature:		

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO# Cust	tomer:			Date:	109
Tractor / L(8	ress:			Time:	215
Trailer / Container Number Drop	pped By:			Need By:	
CONTAINER TYPE: TOTE	BIN ROLL DOOR BOX	☐ ISO CONTA	AINER [DRY BULK	
☐ TANK TRAILER ☐ RO	LL TARP BOX	☐ FRAC TANK	POLY TAN	K 🔲 VACI	JUM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum /	Rolloff
1 TRIETHY	THOLAMINET THE				
2			 		
3			· · · · · · · · · · · · · · · · · · ·		
4					
5					
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT	. ,
1 Air Dry		Oxygen (19.5% -23.5%	%) #1 · · · · #2	#3 #4	#5
2 Quick Rinse		LEL (<10%)	#1 #2	#3#4	#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 #2	#3#4	#5
4 Hot Water Rinse		Toxic Vapor	#2	#3 #4	#5
5 Steam Only (Per Hour)		Signature: 🚈	-/ /		
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse & Dry		Comments:			
9 Caustic Wash & Dry					
10 Caustic Wash, Rinse & Dry					- Line
11 Waste Water Surcharge					
12 Solvent Wash (Diesel # Hour	s)				
13 Solvent Wash (Stripper)					
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (w/o Int	ernal)				
16 Exterior Trailer Wash (with In	ternal)				
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:		
18 Hand Labor (# Men / # Hours	s)				
19 Hydroblaster (# Hours)					·
20 Solvent Wash (Green Strippe	er)				
21 Passivation					
Hose Cleaning					
Pump Cleaning		thoroughness of the tank	ices, Inc., Cleaning Division, washing procedure or the to	otal elimination of interio	r residues and/or
Cleaned By:	Date 6-36-9	CES Environmental S		sion, from any responsil orly cleaned, resulting in ion, is in no manner resp	oility for claims arising damage or loss.
Inspected By:	Date	Print Name:	1	Date	
		Signature:	12/1		· · · · · · · · · · · · · · · · · · ·

CES Environmental Services

TANK WASH WORK ORDER

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676

PO # /	Customer:				Data: E	<u>.</u>
PO# 534/34	Customer:	TS			Date: / /	9
Tractor 173	Address:				Time:	
Trailer / Container Number	Dropped B	V: William			Need By:	
CONTAINER TYPE:	TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK	
	ROLL TAR		☐ FRAC TANK	POLY TAN		UM TRUCK
Compartment #		_ast Contained	Heel - Hazardous	Heel - Non-Haz	Drum / F	
1 Sthylere 6	wel					
2						
3	•					
4						
5						
CLEANING CODES		WORK PERFORMED	TANK ENTRY PERMIT			
1 Air Dry		100 Marie 1	Oxygen (19.5% -23.59	%) #} <u> </u>	#3 #4	#5
2 Quick Rinse			LEL (<10%)	#1#2	#3 #4	#5
3 Cold Water Rinse			CO ² (<35 ppm)	#1 #2	#3#4	#5
4 Hot Water Rinse		,	Toxic Vapor	#1 #2	#3 #4	#5
5 Steam Only (Per Hour)			Signature:	<u> </u>		
6 Steam & Dry			Stripper Usage:			. a
7 Rinse, Steam & Dry						
8 Detergent Wash, Rinse &	ፄ Dry		Comments:			
9 Caustic Wash & Dry						
10 Caustic Wash, Rinse &	Dry					
11 Waste Water Surcharge)					
12 Solvent Wash (Diesel #	Hours)					
13 Solvent Wash (Stripper)					
14 Exterior Tractor Wash			:		. •	
15 Exterior Trailer Wash (w	v/o Internal)				•	
16 Exterior Trailer Wash (w	vith Internal)					
17 Exterior Acid Brite Was	h		Authorized Addit	ional Services:		
18 Hand Labor (# Men / #	Hours)					
19 Hydroblaster (# Hours)	-					
20 Solvent Wash (Green S	Stripper)					
21 Passivation						
Hose Cleaning						
Pump Cleaning			thoroughness of the tank	ices, Inc., Cleaning Division, c washing procedure or the t	otal elimination of interior	residues and/or
Cleaned By:	E	Date 10 30-9	moisture. Final inspection of release CES Environmental from any allegations that CES Environmental S damages of	the equipment remains the in Services, Inc., Cleaning Divisit the equipment was improper ervices, Inc., Cleaning Division losses of equipment and/o	on, is in no manner respo	nsible for any
Inspected By:	<u></u>	Date	Print Name:			
		ا المراجعين المراجعين	Signature:	·		

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021 *
Phone: (713) 676-1460 • Fax: (713) 676-1676

Cleaned By: Date Date	S Environmental Services, Inc., Cleaning Division, makes no guarantees with respect to the proughness of the tank washing procedure or the total elimination of interior residues and/or re. Final inspection of the equipment remains the responsibility of the customer, and hor so CES Environmental Services, Inc., Cleaning Division, from any responsibility for claims are an any allegations that the equipment was improperly cleaned, resulting in damage or loss. CES Environmental Services, Inc., Cleaning Division, is in no manner responsible for any damages or losses of equipment and/or materials left in their yard.
19 Hydroblaster (# Hours) 20 Solvent Wash (Green Stripper) 21 Passivation Hose Cleaning Pump Cleaning Cleaned By: Date Date	S Environmental Services, Inc., Cleaning Division, makes no guarantees with respect to the proughness of the tank washing procedure or the total elimination of interior residues and/or re. Final inspection of the equipment remains the responsibility of the customer, and the process inc., Cleaning Division, from any responsibility for claims are many allegations that the equipment was improperly cleaned, resulting in damage or loss.
19 Hydroblaster (# Hours) 20 Solvent Wash (Green Stripper) 21 Passivation Hose Cleaning Pump Cleaning CE the moistuit release from	S Environmental Services, Inc., Cleaning Division, makes no guarantees with respect to the proughness of the tank washing procedure or the total elimination of interior residues and/or re. Final inspection of the equipment remains the responsibility of the customer, and the process inc., Cleaning Division, from any responsibility for claims are many allegations that the equipment was improperly cleaned, resulting in damage or loss.
19 Hydroblaster (# Hours) 20 Solvent Wash (Green Stripper) 21 Passivation Hose Cleaning Pump Cleaning	S Environmental Services, Inc., Cleaning Division, makes no guarantees with respect to the proughness of the tank washing procedure or the total elimination of interior residues and/or
19 Hydroblaster (# Hours) 20 Solvent Wash (Green Stripper) 21 Passivation	norized Additional Services:
19 Hydroblaster (# Hours) 20 Solvent Wash (Green Stripper)	norized Additional Services:
19 Hydroblaster (# Hours)	norized Additional Services:
	norized Additional Services:
18 Hand Labor (# Men / # Hours)	norized Additional Services:
	norized Additional Services:
17 Exterior Acid Brite Wash Auth	
16 Exterior Trailer Wash (with Internal)	
15 Exterior Trailer Wash (w/o Internal)	
14 Exterior Tractor Wash	
13 Solvent Wash (Stripper)	
12 Solvent Wash (Diesel # Hours)	
11 Waste Water Surcharge	
10 Caustic Wash, Rinse & Dry	
9 Caustic Wash & Dry	
8 Detergent Wash, Rinse & Dry Con	nments:
7 Rinse, Steam & Dry	
6 Steam & Dry / Strip	pper Usage:
o otomic only (vortically	gnature: S1
	xic Vapor #1 #2 #3 #4 #5
	D ² (<35 ppm) #1 <u></u> #2 #3 #4 #5
2 Quick Rinse	L (<10%) #1 #2 #3 #4 #5
1 Air Dry Oxy	ygen (19.5% -23.5%) #1 3 #2 #3 #4 #5
CLEANING CODES WORK PERFORMED	TANK ENTRY PERMIT
5	
4	
3	
2	
1 KOH	
	- Hazardous Heel - Non-Haz Drum / Rolloff
TANK TRAILER ROLL TARP BOX VACUUM BOX	FRAC TANK POLY TANK VACUUM TRUCK
Trailer / Container Number Dropped By: (65 0 8 CONTAINER TYPE: TOTE BIN ROLL DOOR BOX	Need By:
Tractor Address:	Time:
33412	6-70-9
PO# Customer:	Date:

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676.

PO # 53 3 Custome	r: 75			Date: /3///
Tractor Address:				Time: 15. 15
Trailer / Container Number Dropped	By:	7		Need By:
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT.☐ FRAC TANK	AINER D	
Compartment #	Last Contained	Heel - Hazardous		Drum / Rolloff
Turste no to				
2				
3	,			
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.5	%) #2 #2	#3 #4 #5
2 Quick Rinse		LEL (<10%)	#1 #2	#3 #4 #5
3 Cold Water Rinse	2. jan 18 18 18 18 18 18 18 18 18 18 18 18 18	CO ² (<35 ppm)	#1 <u>0</u> #2	#3 #4 #5
4 Hot Water Rinse		Toxic Vapor	,#1 <u>6</u> #2	#3 #4 #5
5 Steam Only (Per Hour)		Signature: 8	-н	
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse & Dry		Comments:		
9 Caustic Wash & Dry				
10 Caustic Wash, Rinse & Dry				
11 Waste Water Surcharge				n en
12 Solvent Wash (Diesel # Hours)				and the state of t
13 Solvent Wash (Stripper)				
14 Exterior Tractor Wash				
15 Exterior Trailer Wash (w/o Internal)			
16 Exterior Trailer Wash (with Interna)			
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:	
18 Hand Labor (# Men / # Hours)			·	····
19 Hydroblaster (# Hours)	<u> </u>			
20 Solvent Wash (Green Stripper)				· · · · · · · · · · · · · · · · · · ·
21 Passivation				
Hose Cleaning				· · · · · · · · · · · · · · · · · · ·
Pump Cleaning		thoroughness of the tank	k washing procedure or the t	makes no guarantees with respect to the otal elimination of interior residues and/or
Cleaned By: B-H	Date_6-30-9	release CES Environmental from any allegations that CES Environmental S	Services, Inc., Cleaning Divi t the equipment was impropo	esponsibility of the customer, and they herel sion, from any responsibility for claims arisin orth demage or loss. on, is in no manner responsible for any
Inspected By:	Date		or reases or admitted a state.	
		Print Name:		Date

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

	<u> </u>	
PO # Customer: 53412	ITS	Date: 6/30/9
Tractor Address:		Time: 0600
Trailer / Container Number Dropped B	lv - O - I	Need Rv
	Ja K. Sali	inas top-PM.
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONTAINER ☐ DRY BULK
TANK TRAILER ROLL TAF		☐ FRAC TANK ☐ POLY TANK ☐ VACUUM TRUCK
	Last Contained	Heel - Mazardous Heel - Non-Haz Drum / Rolloff
1 Raffax 90		UN 3237
2		
3		
4		
5		
CLEANING CODES	WORK PERFORMED	TANK ENTRY PERMIT
1 Air Dry		Oxygen (19.5% -23.5%) #12#3#4#5
2 Quick Rinse		LEL (<10%) #1 #2 #3 #4 #5
3 Cold Water Rinse		CO ² (<35 ppm) #1 #2 #3 #4 #5
4 Hot Water Rinse		Toxic Vapor #1_2_ #2 #3 #4 #5
5 Steam Only (Per Hour)		Signature: 3
6 Steam & Dry		Stripper Usage:
7 Rinse, Steam & Dry		
8 Detergent Wash, Rinse & Dry		Comments:
9 Caustic Wash & Dry	/	
10 Caustic Wash, Rinse & Dry		
11 Waste Water Surcharge		
12 Solvent Wash (Diesel # Hours)		
13 Solvent Wash (Stripper)		
14 Exterior Tractor Wash		
15 Exterior Trailer Wash (w/o Internal)		
16 Exterior Trailer Wash (with Internal)		
17 Exterior Acid Brite Wash		Authorized Additional Services:
18 Hand Labor (# Men / # Hours)		
19 Hydroblaster (# Hours)		
20 Solvent Wash (Green Stripper)		
21 Passivation		
Hose Cleaning		
Pump Cleaning		CES Environmental Services, Inc., Cleaning Division, makes no guarantees with respect to the thoroughness of the tank washing procedure or the total elimination of interior residues and/or
		moisture. Final inspection of the equipment remains the responsibility of the customer, and they here release CES Environmental Services, Inc., Cleaning Division, from any responsibility for claims arising
Cleaned By:	Date 6 - 30-09	from any allegations that the equipment was improperly cleaned, resulting in damage or loss. CES Environmental Services, Inc., Cleaning Division, is in no manner responsible for any damages or losses of equipment and/or materials left in their yard.
Inspected By:	Date	Print Name: Hector P. Salwas Date 6/30/9
		11060.
		Signature: 11% Jaunes

CES Environmental Services
Container / Tank Cleaning Division
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Phone: (713) 676-1460 • Fax: (713) 676-1676

TANK WASH WORK ORDER

PO # Customer:	TTS			Date: 6-30-9	
Tractor Address:				Time:	
Trailer / Container Number Dropped E	By:			Need By:	
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK	
TANK TRAILER PROLL TAP	RP BOX	☐ FRAC TANK	POLY TAN	K VACUUM TRUC	CK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff	
1 Acetale					
2					
3					
4				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
5					
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry		Oxygen (19.5% -23.5		#3 #4 #5	
2 Quick Rinse	, , , , , , , , , , , , , , , , , , ,	LEL (<10%)	#1 0 #2	#3#4#5	
3 Cold Water Rinse		CO ² (<35 ppm)	#1 2 #2	#3#4#5	
4 Hot Water Rinse		Toxic Vapor	#1 #2	#3#4#5	
5 Steam Only (Per Hour)		Signature:	JE		
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse & Dry	3	Comments:			
9 Caustic Wash & Dry			general production of the same	en de la companya de	St.
10 Caustic Wash, Rinse & Dry		1			*1 - S
11 Waste Water Surcharge		1	:		Corne Silve
12 Solvent Wash (Diesel # Hours)					
13 Solvent Wash (Stripper)					
14 Exterior Tractor Wash		1	:		
15 Exterior Trailer Wash (w/o Internal)					
16 Exterior Trailer Wash (with Internal)					
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:		
18 Hand Labor (# Men / # Hours)	I'' Inen				
19 Hydroblaster (# Hours)		g ² ,			
20 Solvent Wash (Green Stripper)	13		1		-
21 Passivation					
Hose Cleaning		25			
Pump Cleaning		CES Environmental Servitoroughness of the fan	rices, Inc., Cleaning Division,	makes no guarantees with respect to thotal elimination of interior residues and/o	he or
Cleaned By:	Date	release CES Environmental from any allegations that CES Environmental S	Services, Inc., Cleaning Divi t the equipment was imprope	esponsibility of the customer, and they he sion, from any resuponsibility or claims a prhy cleaned, resulting in damage or loss on, is in no manner responsible for any rematerials left in their yard. Date 300 (arisina
		Signature:	West.		

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021 *
Phone: (713) 676-1460 • Fax: (713) 676-1676

	·		· · · · · · · · · · · · · · · · · · ·			
PO# CC 53494	ustomer:	75			Date:	09
	ddress:				Time:	<u>~</u>
Trailer / Container Number Dr	ropped By:	<u> </u>			Need By:	
693		villiams			litood by.	
CONTAINER TYPE: TOT		ROLL DOOR BOX	ISO CONT	AINER C	DRY BULK	•
	ROLL TARP BO	A		POLY TAN	24	IUM TRUCK
Compartment #		Contained	Heel - Hazardous		Drum /	
1 2000	211					
2						
3						
4				 		
5						
CLEANING CODES	1	WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry	. *		Oxygen (19.5% -23.5	%) #3/ . 0#2	#3#4_	#5
2 Quick Rinse			LEL (<10%)	#1 #2	#3 #4	#5
3 Cold Water Rinse			CO ² (<35 ppm)	#1_0_ #2	#3#4	#5
4 Hot Water Rinse			Toxic Vapor	#1 <u>_</u> *0#2	#3 #4	#5
5 Steam Only (Per Hour)			Signature:	<u> </u>		
6 Steam & Dry			Stripper Usage:		×1	ž.,
7 Rinse, Steam & Dry		/		en e		
8 Detergent Wash, Rinse & D	ry /		Comments:		· .	
9 Caustic Wash & Dry						
10 Caustic Wash, Rinse & Dry	,					
11 Waste Water Surcharge		/				
12 Solvent Wash (Diesel # Ho	ours)					
13 Solvent Wash (Stripper)			·			
14 Exterior Tractor Wash						
15 Exterior Trailer Wash (w/o	Internal)					***
16 Exterior Trailer Wash (with	Internal)					·
17 Exterior Acid Brite Wash			Authorized Addit	ional Services:		
18 Hand Labor (# Men / # Ho	urs)					
19 Hydroblaster (# Hours)						
20 Solvent Wash (Green Strip	per)				·	
21 Passivation						
Hose Cleaning						
Pump Cleaning		7, a	thoroughness of the tan moisture. Final inspection of release CES Environmental	vices, Inc., Cleaning Division, k washing procedure or the to the equipment remains the ro Services, Inc., Cleaning Divi at the equipment was imprope	otal elimination of interior esponsibility of the custor sion, from any responsibi	residues and/or mer, and they hereby lity for claims arising
Cleaned By:		_ Date /-/- 7	CES Environmental S damages	ervices, Inc., Cleaning Division losses of equipment and/o	on, is in no manner respo r materials left in their ya	onsible for any rd.
Inspected By:		Date	Print Name:		Date	
			Signature:			

CES Environmental Services

TANK WASH WORK ORDER

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676

	ustomer:	I75			Date:	(0.0
53462		<u> </u>			7/1/	09
Tractor	ddress:				Time:	00 PM
Trailer / Container Number Di	ropped By	y: D (/ / /		· · · · · · · · · · · · · · · · · · ·	Need By:	_
53,2	•	U.Fottna			ASI	aP
CONTAINER TYPE: TO	TE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BUL	K
TANK TRAILER	ROLL TAR	P BOX	☐ FRAC TANK	POLY TAN	k □v	ACUUM TRUCK
Compartment #	L	ast Contained	Heel - Hazardous	Heel - Non-Haz	Dru	m / Rolloff
1 NP-150	*			· Line		
2 NP-150				-		
3 NP. 25						
4 7 3 /						
5	1000			: :		
CLEANING CODES		WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry			Oxygen (19.5% -23.5	%) #12 (] #2	#3	#4 #5
2 Quick Rinse			LEL (<10%)	#1 #2		#4 #5
3 Cold Water Rinse			CO ² (<35 ppm)	#1 2 #2	_ #3 #	#4 #5
4 Hot Water Rinse	j		Toxic Vapor	#1 3 #2	#3	#4 #5
5 Steam Only (Per Hour)	1		Signature:	JE		
6 Steam & Dry			Stripper Usage:		4	
7 Rinse, Steam & Dry						
8 Detergent Wash, Rinse & D	ry		Comments:		· · · · · · · · · · · · · · · · · · ·	
9 Caustic Wash & Dry						
10 Caustic Wash, Rinse & Dr	y					
11 Waste Water Surcharge		7				
12 Solvent Wash (Diesel # Ho	ours)					***
13 Solvent Wash (Stripper)						
14 Exterior Tractor Wash						
15 Exterior Trailer Wash (w/o	Internal)					
16 Exterior Trailer Wash (with	Internal)					
17 Exterior Acid Brite Wash			Authorized Addit	ional Services:		
18 Hand Labor (# Men / # Ho	urs)					
19 Hydroblaster (# Hours)						
20 Solvent Wash (Green Strip	oper)					
21 Passivation						
Hose Cleaning						
Pump Cleaning			thoroughness of the tan moisture. Final inspection of release CES Environmental	rices, Inc., Cleaning Division, k washing procedure or the ti the equipment remains the ri Services, Inc., Cleaning Divi	otal elimination of esponsibility of the sion, from any res	interior residues and/or a customer, and they hereby ponsibility for claims arising
Cleaned By:	 	Date	CES Environmental S	t the equipment was improper services, Inc., Cleaning Division for losses of equipment and/o	on, is in no manne	or responsible for any
Inspected By:		Date	Print Name:) an Holf.	Date	e 7///09
			Signature:	2/1		

TANK WASH WORK ORDER

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 * Phone: (713) 676-1460 • Fax: (713) 676-1676

			· · · · · · · · · · · · · · · · · · ·	. <u> </u>	<u> </u>
PO# Cust	omer:			Date:	CIM
Tractor Addr	ess:	Time:			
Trailer / Container Number Drop	pped By:	MINAREZ		Need By:	
				<u> </u>	
CONTAINER TYPE: TOTE			· · · ·	DRY BULK	
	LL TARP BOX	FRAC TANK	POLY TAN		UM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / f	Rolloff
1	Actic 15id				
2					:
3					
4					
5					
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry		Oxygen (19.5% -23.5	%) #J J #2	#3 #4	#5
2 Quick Rinse		LEL (<10%)	#1#2	_ #3 #4	#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 <u> </u> #2		#5
4 Hot Water Rinse		Toxic Vapor	#1 #2	#3 #4	#5
5 Steam Only (Per Hour)		Signature:	<u> 78</u>		······································
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry		•			
8 Detergent Wash, Rinse & Dry		Comments:			
9 Caustic Wash & Dry					
10 Caustic Wash, Rinse & Dry					
11 Waste Water Surcharge					
12 Solvent Wash (Diesel # Hours	s)				
13 Solvent Wash (Stripper)		·			
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (w/o Inte	ernal)				
16 Exterior Trailer Wash (with Int	ernal)				
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:		
18 Hand Labor (# Men / # Hours	;)				
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green Strippe	or)				`
21 Passivation					· ·
Hose Cleaning					
Pump Cleaning		CES Environmental Serv	rices, Inc., Cleaning Division, k washing procedure or the to	makes no guarantees wi	th respect to the
Cleaned By:	Date_7-1-9	moisture. Final inspection of release CES Environmental from any allegations that CES Environmental S	the equipment remains the re	esponsibility of the custon sion, from any responsibil orly cleaned, resulting in d on, is in no manner respo	ner, and they hereby ity for claims arising arnage or loss. neible for any
Inspected By:	Date	Print Name:		Date	
		Signature:			

Environmental Services

vainer / Tank Cleaning Division

+904 Griggs Rd. • Houston, TX 77021 *

Phone: (713) 676-1460 • Fax: (713) 676-1676

55.0	
PO# Customer: 775	Date: 7-2-09
Tractor 177 Address: Chanadyiew To	Time: 6:386
Trailer / Container Number Dropped By:	Need By:
LT 793 Vim Horna	ASAX
CONTAINER TYPE: TOTE BIN ROLL DOOR BOX	☐ ISO CONTAINER ☐ DRY BULK
TANK TRAILER ROLL TARP BOX VACUUM BOX	☐ FRAC TANK ☐ POLY TANK ☐ VACUUM TRUCK
Compartment # ,Last Contained ,	Heel - Hazardous Heel - Non-Haz Drum / Rolloff
1 Aluminium Clorobadrate Non HAZ	
2	
3	
4	
5	
CLEANING CODES WORK PERFORMED	TANK ENTRY PERMIT
1 Air Dry	Oxygen (19.5% -23.5%) #12 #3 #4 #5
2 Quick Rinse	LEL (<10%) #1 0 #2 #3 #4 #5
3 Cold Water Rinse	CO ² (<35 ppm) #1 <u>f</u> #2 #3 #4 #5
4 Hot Water Rinse	Toxic Vapor #1 #2 #3 #4 #5
5 Steam Only (Per Hour)	Signature 2
6 Steam & Dry	Stripper Usage:
7 Rinse, Steam & Dry	
8 Detergent Wash, Rinse & Dry	Comments:
9 Caustic Wash & Dry	
10 Caustic Wash, Rinse & Dry	
11 Waste Water Surcharge	
12 Solvent Wash (Diesel # Hours)	
13 Solvent Wash (Stripper)	
14 Exterior Tractor Wash	
15 Exterior Trailer Wash (w/o Internal)	
16 Exterior Trailer Wash (with Internal)	
17 Exterior Acid Brite Wash	Authorized Additional Services:
18 Hand Labor (# Men / # Hours)	
19 Hydroblaster (# Hours)	
20 Solvent Wash (Green Stripper)	
21 Passivation	
Hose Cleaning	
Pump Cleaning	CES Environmental Services, Inc., Cleaning Division, makes no guarantees with respect to the thoroughness of the tank washing procedure or the total elimination of interior residues and/or
	moisture. Final inspection of the equipment remains the responsibility of the customer, and they hereb release CES Environmental Services, Inc., Cleaning Division, from any responsibility for claims arising from any allegations that the equipment was improperly cleaned, resulting in damage or loss.
Cleaned By: Date 7-3-09	CES Environmental Services, Inc., Cleaning Division, is in no manner responsible for any damages or losses of equipment and/or materials left in their yard.
Inspected By: Date	Print Name: Jimay March Date 7-2-09
andra kan di saman di kanan di kanan di saman di kanan d Banan di kanan di saman di kanan di ka	Signature: Arg

TANK WASH WORK ORDER

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676,

PO # C	Customer:			Date:	-1
10#	T T			1 -7 / 7	109
Tractor A	Address:		· · · · · · · · · · · · · · · · · · ·	Time:	1.01
14/2	1 /		•	10:30	
Trailer / Container Number D	Drannad By:			Need By:	
17-982	лорреи ву.	in the state of th		Need by.	
CONTAINER TYPE: TO	OTE BIN ROLL DOOR BOX	☐ ISO CONT	AINER C	DRY BULK	
TANK TRAILER TANK TRAILER	ROLL TARP BOX	☐ FRAC TANK	POLY TAN	K 🔲 VACU	UM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum /	Rolloff
TREPINE Deid					
2					
3					
4					
5					
CLEANING CODES	WORK PERFORMED	*	TANK ENTRY	PERMIT	
1 Air Dry		Oxygen (19.5% -23.59	%) #1 <u>/</u> . 0#2	#3#4	#5
2 Quick Rinse		LEL (<10%)	#1 #2	#3 #4	#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 #2	#3 #4	#5
4 Hot Water Rinse		Toxic Vapor	#1 #2	#3#4	#5
5 Steam Only (Per Hour)		Signature:	フレ		
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse & I	Dry /	Comments:			
9 Caustic Wash & Dry					
10 Caustic Wash, Rinse & D)ry				
11 Waste Water Surcharge		·			
12 Solvent Wash (Diesel # H	tours)				,
13 Solvent Wash (Stripper)		. 			
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (w/c	o Internal)	<u>.</u>			
16 Exterior Trailer Wash (wit	th Internal)				
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:		
18 Hand Labor (# Men / # H	lours)			*	
19 Hydroblaster (# Hours)					<u> </u>
20 Solvent Wash (Green Str	ripper)				
21 Passivation		·			
Hose Cleaning					
Pump Cleaning		thoroughness of the tank moisture. Final inspection of release CES Environmental	rices, Inc., Cleaning Division, c washing procedure or the to the equipment remains the re Services, Inc., Cleaning Divi t the equipment was imprope	otal elimination of interior esponsibility of the custor sion, from any responsib	residues and/or mer, and they hereby litty for claims ansing
Cleaned By:	Date 727	CES Environmental S damages o	ervices, Inc., Cleaning Division losses of equipment and/o	ion, is in no manner respo or materials left in their ya	onsible for any urd.
Inspected By:	Date	Print Name:		Date	
		Signature:			

TANK WASH WORK ORDER

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 * Phone: (713) 676-1460 • Fax: (713) 676-1676.

PO# Customer	75			Date: 7 / 2 / 0 7
Tractor Address:				Time: 14:4/
Trailer / Container Number Dropped B	formy Jaylo	~		Need By:
CONTAINER TYPE: TOTE BIN	PROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK
TANK TRAILER ROLL TAI	RP BOX	☐ FRAC TANK	POLY TAN	K ☐ VACUUM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
16lin from				
2				
3				
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.5	%) ##2/	#3#4#5
2 Quick Rinse		LEL (<10%)	#1 #2	#3 #4 #5
3 Cold Water Rinse		CO ² (<35 ppm)	#1#2	#3 #4 #5
4 Hot Water Rinse		Toxic Vapor	#1 > #2	#3 #4 #5
5 Steam Only (Per Hour)		Signature:		
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse & Dry		Comments:		
9 Caustic Wash & Dry				
10 Caustic Wash, Rinse & Dry				
11 Waste Water Surcharge	/			
12 Solvent Wash (Diesel # Hours)				
13 Solvent Wash (Stripper)				
14 Exterior Tractor Wash				
15 Exterior Trailer Wash (w/o Internal)				
16 Exterior Trailer Wash (with Internal)	. MA			
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:	
18 Hand Labor (# Men / # Hours)				
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green Stripper)				:
21 Passivation				<u> </u>
Hose Cleaning		· · · · · · · · · · · · · · · · · · ·	<u></u> _	
Pump Cleaning		thoroughness of the tan	k washing procedure or the ti	makes no guarantees with respect to the otal elimination of interior residues and/or
Cleaned By:	Date 7.2.9	CES Environmental S		esponsibility of the customer, and they hereb ston, from any responsibility for claims arisin rity cleaned, resulting in damage or loss. on, is in no manner responsible for any r materials left in their yard.
Inspected By:	Date	Print Name:		Date
		Signature:		· .

TANK WASH WORK ORDER

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021* Phone: (713) 676-1460 • Fax: (713) 676-1676

	ustomer:			Date:
53481	上 1 つ			1/0/00
Tractor 173	ddress:	Time:		
Trailer Container Number D	ropped By:			Need By:
3376	Willia	~~~		PSP
CONTAINER TYPE: TO	TE BIN ROLL DOOR	BOX ISO CONT	AINER [DRY BULK
TANK TRAILER D	ROLL TARP BOX 🔲 VACUUN	BOX FRAC TANK	POLY TAN	K VACUUM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 Dedicant				
2				
3				
4				
5				
CLEANING CODES	WORK PERFORM	MED	TANK ENTRY	PĘRMIT
1 Air Dry		Oxygen (19.5% -23.5	%) #12/ 0#2	#3#4#5
2 Quick Rinse		LEL (<10%)	#1 > #2	#3#4#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 <u>/)</u> #2	#3 #4 #5
4 Hot Water Rinse		Toxic Vapor	#1 #2	#3 #4 #5
5 Steam Only (Per Hour)		Signature:	06	
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry				<u> San Arright</u> with
8 Detergent Wash, Rinse & D)ry	Comments:		
9 Caustic Wash & Dry				
10 Caustic Wash, Rinse & Dr	У			
11 Waste Water Surcharge				
12 Solvent Wash (Diesel # Ho	ours)			
13 Solvent Wash (Stripper)		·		
14 Exterior Tractor Wash				
15 Exterior Trailer Wash (w/o				
16 Exterior Trailer Wash (with	n Internal)	Authorizad Addis	lonal Condess	
17 Exterior Acid Brite Wash		Authorized Addit	ional Services: —	
18 Hand Labor (# Men / # Ho	ours)			
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green Stri	pper)			
21 Passivation			· · · · · · · · · · · · · · · · · · ·	
Hose Cleaning		CES Enginemental Sen	dose Inc. Cleaning Division	, makes no guarantees with respect to the
Pump Cleaning	Date 7 - 2	thoroughness of the tan moisture. Final inspection of release CES Environmental	k washing procedure or the to the equipment remains the in Services, Inc., Cleaning Divi to the equipment was improper	otal elimination of interior residues and/or esponsibility of the customer, and they here sion, from any responsibility for claims arisi erly cleaned, resulting in damage or loss.
Cleaned By:	Date T	CES Environmental S damages	ervices, Inc., Cleaning Divisi or losses of equipment and/o	ion, is in no manner responsible for any or materials left in their yard.
Inspected By:	Date	Print Name:		Date
				· · · · · · · · · · · · · · · · · · ·

TANK WASH WORK ORDER

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 ** Phone: (713) 676-1460 • Fax: (713) 676-1676.

	Customer:	1			Date:
53485		1.15			7.2.9
	Address:				Time:
156					CSAR
Trailer / Container Number	Dropped B	y:			Need By:
5880		B;16/			ASAP
CONTAINER TYPE: T	OTE BIN	ROLL DOOR B	OX ISO CONT	AINER [DRY BULK
TANK TRAILER	ROLL TAR	P BOX	BOX FRAC TANK	POLY TAN	K VACUUM TRUCK
Compartment #	ļ	ast Contained	Heel - Hazardous	Heel - Non-Haz	
1 non1	420	ETERGENT			<i>i</i> ,
2					
3					
4					*.
5					
CLEANING CODES	,	WORK PERFORME	D	TANK ENTRY	PERMIT
1 Air Dry			Oxygen (19.5% -23.5	%) #1 2/ Q 1 2	#3 #4 #5
2 Quick Rinse			LEL (<10%)	#1	
3 Cold Water Rinse			CO ² (<35 ppm)	#1 #2	#3#4#5
4 Hot Water Rinse			Toxic Vapor	#1 #2	
5 Steam Only (Per Hour)			Signature:	7E	
6 Steam & Dry			Stripper Usage:		
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse &	Dry	/	Comments:		
9 Caustic Wash & Dry					
10 Caustic Wash, Rinse &	Dry	/			
11 Waste Water Surcharge	- 1				
12 Solvent Wash (Diesel #	Hours)	·		/	
13 Solvent Wash (Stripper)					
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (w.	/o internal)				
16 Exterior Trailer Wash (w	ith Internal)				
17 Exterior Acid Brite Wash	1		Authorized Addit	ional Services:	
18 Hand Labor (# Men / # I	Hours)		:		
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green S	tripper)				
21 Passivation					
Hose Cleaning		· · · · · · · · · · · · · · · · · · ·			
Pump Cleaning			thoroughness of the tank	k washing procedure or the t	, makes no guarantees with respect to the total elimination of interior residues and/or
Cleaned By:	JE	Date	release CES Environmental from any allegations that CES Environmental S	Services, Inc., Cleaning Divi t the equipment was improp- ervices, Inc., Cleaning Divis	responsibility of the customer, and they hereby ision, from any responsibility for claims arising erly cleaned, resulting in damage or loss. ion, is in no manner responsible for any
			uariayos (or materials left in their yard.
Inspected By:		Date	Print Name: 15	lly Moud	Date 7.2.9
			Signature:		Date 7.1.9

TANK WASH WORK ORDER

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 * Phone: (713) 676-1460 • Fax: (713) 676-1676.

	<u></u>			
PO # Custome	T 5			Date: 7 / 2 / 0 9
Tractor Address:			 	Time:
Trailer / Container Number Dropped	D.a.		<u> </u>	
	.			Need By:
600				<u> </u>
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT		DRY BULK
TANK TRAILER ROLL TA		FRAC TANK	POLY TAN	T
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1622 politice				
2				
3			· ·	
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.59	%) # <u>Pl 0</u> #2	#3#4#5
2 Quick Rinse		LEL (<10%)	#1 #2	#3#4#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 #2	#3#4#5
4 Hot Water Rinse		Toxic Vapor	#1 2 #2	#3 #4 #5
5 Steam Only (Per Hour)		Signature:	<i>Jt</i>	
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry			·	
8 Detergent Wash, Rinse & Dry		Comments:		
9 Caustic Wash & Dry]		
10 Caustic Wash, Rinse & Dry		· .		
11 Waste Water Surcharge				
12 Solvent Wash (Diesel # Hours)				
13 Solvent Wash (Stripper)]		
14 Exterior Tractor Wash				
15 Exterior Trailer Wash (w/o Internal))			
16 Exterior Trailer Wash (with Interna	0			
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:	
18 Hand Labor (# Men / # Hours)				
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green Stripper)				
21 Passivation				
Hose Cleaning				
Pump Cleaning		thoroughness of the tank	c washing procedure or the to	makes no guarantees with respect to the otal elimination of interior residues and/or
Classed But	7-29	release CES Environmental from any allegations that	Services, Inc., Cleaning Divi- the equipment was imprope	esponsibility of the customer, and they hereby sion, from any responsibility for claims arising any cleaned, resulting in damage or loss.
Cleaned By:	Date	CES Environmental S damages o	ervices, Inc., Cleaning Divisi or losses of equipment and/o	on, is in no manner responsible for any r materials left in their yard.
Inspected By:	Date	Print Name:	Victor	Les Date 7/2/09
•				Date 7/2/09
	and the second s	Signature:	// row	m

Container / Tank Cleaning Division
4904 Griggs Re. • Houston, TX 77021 •
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO#	Customer:				Date:
53510	T.	75	en e	\$.	7-2-09
Tractor	Address:				Time:
135	-				1130 Am
Trailer / Container Number	Dropped E	Ву:			Need By:
942	→	Kee			
CONTAINER TYPE:	OTE BIN	ROLL DOOR BOX	ISO CONT	AINER [D PRY BULK
TANK TRAILER C	ROLL TA	P BOX VACUUM BO	X FRAC TANK	POLY TAN	K VACUUM TRUCK
Compartment #		Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 Hydrox1	de	Solution			
2		्रहर [ा] ।			\$100 A
3		The state of the s			
4					
5					
CLEANING CODES		WORK PERFORMED		TANK ENTRY I	PERMIT
1 Air Dry	7 Tra		Oxygen (19.5% -23.5	%) #A.c. #7#2	#3#4#5
2 Quick Rinse			LEL (<10%)	#1#2	
3 Cold Water Rinse			CO ² (<35 ppm)	#1#2	#3 #4 #5
4 Hot Water Rinse	· · · · · · · · · · · · · · · · · · ·		Toxic Vapor	_, #1 <u> </u>	#3#4#5
5 Steam Only (Per Hour)	*		Signature/		
6 Steam & Dry			Stripper Usage:		
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse &	k Dry		Comments:		
9 Caustic Wash & Dry					
10 Caustic Wash, Rinse &	Dry /				
11 Waste Water Surcharge	, /				
12 Solvent Wash (Diesel #	Hours)				
13 Solvent Wash (Stripper)				
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (w	/o Internal)				
16 Exterior Trailer Wash (v	rith Internal)				
17 Exterior Acid Brite Was	h		Authorized Addit	ional Services:	
18 Hand Labor (# Men / #	Hours)			<u></u>	
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green S	Stripper)				
21 Passivation					
Hose Cleaning					
Pump Cleaning			thoroughness of the tag	k washing procedure or the to	makes no guarantees with respect to the otal elimination of interior residues and/or
			release CES Environmental	Services, Inc., Cleaning Divi	esponsibility of the customer, and they hereby sion, from any responsibility for claims arising
Cleaned By:		Date 7- 2-0°	<i>1</i>		orly cleaned, resulting in damage or loss. on, is in no manner responsible for any or materials left in their yard.
Inspected By:		Date			
mapedicu by		Date	Print Name:		Date
			Signaturo		
			Signature:		

TANK WASH WORK ORDER

ontainer / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 7702T* Phone: (713) 676-1460 • Fax: (713) 676-1676



PO #	Customer:	1 73			Date:	-09	
Tractor	Address:				Time:		
Trailer / Container Number 7 6 /	Dropped By	Phillip Cha	- Marine - M		Need By	<i>!</i> :	
	TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER C	DRY BU	LK	
TANK TRAILER C	ROLL TAR	P BOX	☐ FRAC TANK	POLY TAN	< D	VACUUM TRUCK	
Compartment #	L	ast Contained	Heel - Hazardous	Heel - Non-Haz	Dr	um / Rolloff	
1							
2 ISO 040	DA FEINI	e Solvent				<u> </u>	
3							
4							
5							
CLEANING CODES		WORK PERFORMED		TANK ENTRY I	PERMIT		
1 Air Dry			Oxygen (19.5% -23.59	%) #\$ a. (1) #2	#3	#4#5	
2 Quick Rinse			LEL (<10%)	#1#2	#3	#4 #5	
3 Cold Water Rinse	•		CO ² (<35 ppm)	#1 #2	#3	#4#5	
4 Hot Water Rinse			Toxic Vapor	#1#2	#3	#4 #5	
5 Steam Only (Per Hour)			Signature:	T-0		·	
6 Steam & Dry			Stripper Usage:				
7 Rinse, Steam & Dry				.*			
8 Detergent Wash, Rinse	& Dry		Comments:	:			
9 Caustic Wash & Dry							
10 Caustic Wash, Rinse &	Dry						
11 Waste Water Surcharge	• /						
12 Solvent Wash (Diesel #	Hours)						
13 Solvent Wash (Stripper)		7				
14 Exterior Tractor Wash							
15 Exterior Trailer Wash (v	v/o Internal)				.* .		
16 Exterior Trailer Wash (v	vith Internal)				٠.		
17 Exterior Acid Brite Was	h		Authorized Addit	ional Services:			
18 Hand Labor (# Men / #	Hours)						
19 Hydroblaster (# Hours)							
20 Solvent Wash (Green S	Stripper)						
21 Passivation							
Hose Cleaning							
Pump Cleaning			thoroughness of the tank	rices, Inc., Cleaning Division, washing procedure or the to	otal elimination o	of interior residues and/or	
Cleaned By:	5/	Date 7 + 2 - 29	from any allegations that CES Environmental S	the equipment remains the re Services, Inc., Cleaning Divisi the equipment was improper ervices, Inc., Cleaning Division or losses of equipment and/o	orly cleaned, resion, is in no man	ner responsible for any	
Inspected By:		Date	Print Name:	10 CARE	Da		
			Signature:	& Clak			

TANK WASH WORK ORDER

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 * Phone: (713) 676-1460 • Fax: (713) 676-1676

		<u></u>	
PO#	Customer:		Date: 2-07
Tractor	Address:		Time: 5 ()
- 1 / 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	2 12		0,50
Trailer / Container Number	bropped By Freddy C.		Need By:
CONTAINER TYPE:	TOTE BIN ROLL DOOR BOX	☐ ISO CONTAINER	DRY BULK
TANK TRAILER	ROLL TARP BOX VACUUM BOX	☐ FRAC TANK ☐ P	OLY TANK
Compartment #	Last Contained	Heel - Hazardous Heel - I	Non-Haz Drum / Rolloff
1 ChANE	flu, D		
2 1			
3 11			
4			
5			
CLEANING CODES	WORK PERFORMED	TANK	ENTRY PERMIT
1 Air Dry		Oxygen (19.5% -23.5%) #\$[0,4	1 #2 0 1 (#3 10 0 44 #5
2 Quick Rinse		LEL (<10%) #12	#2_/_ #32_ #4 #5
3 Cold Water Rinse		CO ² (<35 ppm) #1 6	#2 <u>0</u> #3 <u>2</u> #4 <u>#5</u>
4 Hot Water Rinse		Toxic Vapor , #1	#2 <u>1</u> #3 <u>75</u> #4 #5
5 Steam Only (Per Hour)		Signature ?	
6 Steam & Dry		Stripper Usage:	
7 Rinse, Steam & Dry			
8 Detergent Wash, Rinse 8	& Dry	Comments:	
9 Caustic Wash & Dry			
10 Caustic Wash, Rinse &	Dry		
11 Waste Water Surcharge	e /		
12 Solvent Wash (Diesel #	Hours)		
13 Solvent Wash (Stripper	7)		
14 Exterior Tractor Wash			
15 Exterior Trailer Wash (v	w/o Internal)		
16 Exterior Trailer Wash (v	with Internal)		
17 Exterior Acid Brite Was	sh	Authorized Additional Se	rvices:
18 Hand Labor (# Men / #	Hours)		
19 Hydroblaster (# Hours)			<u> </u>
20 Solvent Wash (Green S	Stripper)		
21 Passivation			
Hose Cleaning			
Pump Cleaning		thoroughness of the tank washing pro	eaning Division, makes no guarantees with respect to the cedure or the total elimination of interior residues and/or t remains the responsibility of the customer, and they hereby
Cleaned By:	<u>CP</u> Date 7-3-09	release CES Environmental Services, Inc., from any allegations that the equipme CES Environmental Services, Inc.,	Cleaning Division, from any responsibility for claims arising nt was improperly cleaned, resulting in damage or loss. Cleaning Division, is in no manner responsible for any pulpment and/or materials left in their yard.
Inspected By:	Date	Print Name Tedac	C , Date 2-2-09
	en arginal de la	Signature: India	0 A

TANK WASH WORK ORDER

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 * Phone: (713) 676-1460 • Fax: (713) 676-1676

DO #	Ought in		 			-		<u>Б.</u>		
PO #	Customer:	, T	-					Date:	3	- A
								<u> </u>	<i>f</i> - (<u> </u>
Tractor /5/	Address:	1.4						Time:		
Trailer / Container Number	Dropped B	y:				···		Need	By:	
									-	
CONTAINER TYPE: 1	OTE BIN		ROLL DOOF	BOX	☐ ISO CONT	AINER		DRY	BULK	
TANK TRAILER	ROLL TAR		☐ VACUU		FRAC TANK		OLY TAN			UM TRUCK
Compartment #			ontained		Heel - Hazardous			1	Drum /	
1 Punto										
2		1								
3										
4										
5			•					į	1	
CLEANING CODES		WC	RK PERFOR	MED		TANK	ENTRY I	PERMI	T	
1 Air Dry					Oxygen (19.5% -23.5%	==			#4	#5
2 Quick Rinse			<u></u>		LEL (<10%)	•	#2		_	
3 Cold Water Rinse			·		CO ² (<35 ppm)					- 1
4 Hot Water Rinse					Toxic Vapor		#2			#5
5 Steam Only (Per Hour)			-		Signature:					
6 Steam & Dry		<i>J</i>			Stripper Usage:					1. 38 1. ASSES
7 Rinse, Steam & Dry		/								
8 Detergent Wash, Rinse 8	Dry				Comments:	-			4	- 12
9 Caustic Wash & Dry										
10 Caustic Wash, Rinse &	Drv		· · · · · · · · · · · · · · · · · · ·		1					
11 Waste Water Surcharge	4				1					
12 Solvent Wash (Diesel #				***************************************	1					
13 Solvent Wash (Stripper)					1.					
14 Exterior Tractor Wash					.					
15 Exterior Trailer Wash (w	/o Internal)				1				-	
16 Exterior Trailer Wash (w							de.			
17 Exterior Acid Brite Wasl					Authorized Addit	onal Se	rvices:			· · · · · · · · · · · · · · · · · · ·
18 Hand Labor (# Men / #	Hours)									
19 Hydroblaster (# Hours)				-						
20 Solvent Wash (Green S	tripper)									
21 Passivation										
Hose Cleaning 3 - 2	11/		<i>'</i>							
Pump Cleaning		1			CES Environmental Serv thoroughness of the tank	ices, Inc., Cle	eaning Division,	makes no	guarantees w	ith respect to the
	-				moisture. Final inspection of t release CES Environmental	he equipmen Services, Inc.	nt remains the re ., Cleaning Divis	sponsibility sion, from a	y of the custor my responsibi	mer, and they hereby lity for claims arising
Cleaned By:			Date		from any allegations that CES Environmental S	the equipme	ent was imprope	rly cleaned	i, resulting in	damage or loss.
Oleaned Dy			Jale		damages o	r losses of e	quipment and/or	r materials	left in their ya	rd.
Inspected By:			Date		Print Name	Mi.	6.		Date 1	1-2-119
						4 4	10		Jaie	~~/
					Signature:	don	12)			
				La Selling Colonia						

TANK WASH WORK ORDER

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 * 24770 Phone: (713) 676-1460 • Fax: (713) 676-1676 Customer: Date: Time: Tractor Address: Trailer / Container Number | Dropped By: ROLL DOOR BOX ☐ ISO CONTAINER DRY BULK CONTAINER TYPE: TOTE BIN ☐ TANK TRAILER ROLL TARP BOX ☐ VACUUM BOX ☐ FRAC TANK POLY TANK ☐ VACUUM TRUCK Compartment # **Last Contained** Heel - Hazardous Heel - Non-Haz Drum / Rolloff 2 3 5 **CLEANING CODES WORK PERFORMED** TANK ENTRY PERMIT 1 Air Dry #3 Oxygen (19.5% -23.5%) 2 Quick Rinse LEL (<10%) #3___ CO² (<35 ppm) 3 Cold Water Rinse #3 **Toxic Vapor** #3 4 Hot Water Rinse Signature: 5 Steam Only (Per Hour) Stripper Usage: 6 Steam & Dry 7 Rinse, Steam & Dry Comments: 8 Detergent Wash, Rinse & Dry 9 Caustic Wash & Dry 10 Caustic Wash, Rinse & Dry 11 Waste Water Surcharge 12 Solvent Wash (Diesel # Hours) Solvent Wash (Stripper) 13 **Exterior Tractor Wash** 15 Exterior Trailer Wash (w/o Internal) 16 Exterior Trailer Wash (with Internal) **Authorized Additional Services: Exterior Acid Brite Wash** 17 Hand Labor (# Men / # Hours) Hydroblaster (# Hours) Solvent Wash (Green Stripper) 20 21 Passivation **Hose Cleaning** CES Environmental Services, Inc., Cleaning Division, makes no guarantees with respect to the thoroughness of the tank washing procedure or the total elimination of interior residues and/or moisture. Final inspection of the equipment remains the responsibility of the customer, and they hereby release CES Environmental Services, Inc., Cleaning Division, from any responsibility for claims arising from any allegations that the equipment was improperly cleaned, resulting in damage or loss. **Pump Cleaning** CES Environmental Services, Inc., Cleaning Division, is in no manner responsible for any damages or loses of equipment and/or materials left in their yard. Cleaned By: Inspected By:_ Date Print Name Signature:

Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021 •
Phone: (713) 676-1460 • Fax: (713) 676-1676

Tractor Address: Time: Jags: J	PO# IC	ustomer:					Date	1	7
Trailer / Container Number Dropped By: Need By: - PUS Standard Need By: - PUS		7	76			**	7	/ // 3/	119
Trailer / Container Number Dropped By: Need By: - PUS Standard Need By: - PUS	Tractor A	ddress:					Time	-/-	
Trailer Container Number Dropped By: Need By:	,	darcos.					1		
CONTAINER TYPE: TOTE BIN	Trailer / Container Number D	ropped E	h		· · · · · · · · · · · · · · · · · · ·			 	
CONTAINER TYPE: TOTE BIN ROLL DOOR BOX TANK TRAILER ROLL TARP BOX VACUUM BOX PRACTANK POLYTANK VACUUM TRUCK Compartment # Last Contained Heel - Hazardous Heel - Non-Haz Drum / Rolloff Compartment # Last Contained Heel - Hazardous Heel - Non-Haz Drum / Rolloff Compartment # Last Contained Heel - Hazardous Heel - Non-Haz Drum / Rolloff Compartment # Last Contained Heel - Hazardous Heel - Non-Haz Drum / Rolloff Compartment # Last Contained Heel - Hazardous Heel - Non-Haz Drum / Rolloff Compartment # Last Contained Heel - Hazardous Heel - Non-Haz Drum / Rolloff Compartment # Last Contained Heel - Hazardous Heel - Non-Haz Drum / Rolloff Compartment # Last Contained Heel - Hazardous Heel - Non-Haz Drum / Rolloff Compartment # Last Contained Heel - Non-Haz Drum / Rolloff Compartment # Last Contained Heel - Hazardous Heel - Non-Haz Drum / Rolloff Compartment # Last Contained Heel - Non-Haz Drum / Rolloff Compartment # Last Contained Heel - Non-Haz Drum / Rolloff Compartment # Last Contained Heel - Non-Haz Drum / Rolloff Compartment # Last Contained Heel - Non-Haz Drum / Rolloff Compartment # Last Contained Heel - Non-Haz Drum / Rolloff Compartment # Last Contained Heel - Non-Haz Drum / Rolloff Compartment # Last Contained Heel - Non-Haz Drum / Rolloff Compartment # Last Contained Heel - Non-Haz Drum / Rolloff Compartment # Last Contained Heel - Non-Haz Drum / Rolloff Compartment # Last Contained Heel - Non-Haz Drum / Rolloff Compartment # Last Contained Heel - Non-Haz Drum / Rolloff Compartment # Last Contained Heel - Non-Haz Drum / Rolloff Compartment # Last Contained Heel - Non-Haz Drum / Rolloff Compartment # Last Contained Heel - Non-Haz Drum / Rolloff Compartment # Last Contained Heel - Non-Haz Drum / Rolloff Compartment # Last Contained Heel - Non-Haz Drum / Rolloff Compartment # Last Contained Heel - Non-Haz Drum / Rolloff Compartment # Last Contained Heel - Non-Haz Drum / Rolloff Compartment # Last Contained Heel - Non-Haz Drum / Rolloff Compartment # L		nopped L	·y.				INCCUL	y.	
TANK TRAILER		TE DIN	П	OLL DOOP BOY	D ISO CONT	AINED			,
Compartment # Last Contained Heel - Hazardous Heel - Non-Haz Drum / Rolloff 1	_//				<u>_1</u> .				IM TRUCK
1 CLEANING CODES WORK PERFORMED CLEANING CODES WORK PERFORMED TANK ENTRY PERMIT Oxygen (18.5%, 23.5%), 18/2-11/18/2-11, 44, 45, 45, 45, 47, 47, 47, 47, 47, 47, 47, 47, 47, 47									
2 CLEANING CODES WORK PERFORMED TANK ENTRY PERMIT 1 Air Dry 2 Quick Rinse 3 Cold Water Rinse 5 CD2 (<35 ppm) #1_# #2_p_#8_2 _ #4 #5 5 Steam Only (Per Hour) 6 Steam & Dry 7 Rinse, Steam & Dry 8 Detergent Wash, Rinse & Dry 9 Quastic Wash & Dry 10 Caustic Wash Rinse & Dry 11 Waste Water Surcharge 12 Solvent Wash (Diesel # Hours) 13 Solvent Wash (Diesel # Hours) 14 Exterior Tractor Wash 15 Exterior Trailer Wash (with Internal) 16 Exterior Trailer Wash (with Internal) 17 Exterior Trailer Wash (with Internal) 18 Hand Labor (# Men / # Hours) 20 Solvent Wash (Green Stripper) 21 Passivation 22 Solvent Wash (Green Stripper) 23 Passivation 24 Phytoblaster (# Hours) 25 Solvent Wash (Green Stripper) 26 Cleaned By: Date Date Print Name: Date Date 26 Date Print Name: Date Date 27 Print Name: Date									
4 5 CLEANING CODES WORK PERFORMED TANK ENTRY PERMIT 1 Air Dry 2 Quick Rinse 3 Cold Water Rinse 4 Hot Water Rinse 5 Steam Only (Per Hour) 6 Steam & Dry 7 Rinse, Steam & Dry 9 Caustic Wash & Dry 10 Caustic Wash Rinse & Dry 11 Waste Water Surcharge 12 Solvent Wash, Rinse & Dry 13 Solvent Wash (Diesel # Hours) 14 Exterior Trailer Wash (with Internal) 15 Exterior Acid Brite Wash 16 Exterior Trailer Wash (with Internal) 17 Exterior Acid Brite Wash 18 Hand Labor (# Men / # Hours) 20 Solvent Wash (Green Stripper) 21 Passivation 19 Hydroblaster (# Hours) 20 Solvent Wash (Green Stripper) 21 Passivation 13 House Causting 22 Cleaned By: 24 Date 25 Enfortemental Services, Inc. Cleaning Divisor, make no quant-raide with respect to the sort washing procedure or the sort delinited into make a raise washing procedure or the sort delinited into make a raise washing procedure or the sort delinited or make a raise washing procedure or the sort delinited or make a raise washing procedure or the sort delinited or make a raise washing procedure or the sort delinited or make a raise washing procedure or the sort delinited or make a raise washing procedure or the sort delinited or make a raise washing procedure or the sort delinited or make a raise washing procedure or the sort delinited or make a raise washing procedure or the sort delinited or make a raise washing procedure or the sort delinited or make a raise washing procedure or the sort delinited or make a raise washing procedure or the sort delinited or make a raise washing procedure or the sort delinited or make a raise washing procedure or the sort delinited or make a raise washing procedure or the sort delinited or make a raise washing procedure or the sort delinited or make a raise washing procedure or the sort delinited or make a raise washing procedure or the sort or make and the make a raise washing procedure or the sort delinited or make a raise washing procedure or the sort delinited or make a raise washing procedure or the sort of the sort wa			-						
S	3 Abylic Acid	<u>, p</u> ,				<u> </u>			
CLEANING CODES WORK PERFORMED TANK ENTRY PERMIT Air Dry Oxygen (19.5%-23.5%) \$72				·	·				
CLEANING CODES WORK PERFORMED TANK ENTRY PERMIT Oxygen (19.5% -23.5%) #76_H1 #2_16_H0 \$5_C1_H #4 #5_ CO2 (-23.5%) #76_H1 #2_16_H0 \$5_C1_H #4 #5_ CO2 (-23.5%) #76_H1 #2_16_H0 \$5_C1_H #4 #5_ Toxic Vapor #1_# #2_H #3_H #5_ Steam Only (Per Hour) Steam & Dry Research & Dry Designature: 5 Steam & Dry Comments: Comm									
1 Air Dry			WORK	PERFORMED		TANK ENT	RY PERMIT		
Column					Ovvicen (19.5% -23.5%			#4	#5
3 Cold Water Rinse 4 Hot Water Rinse 5 Steam Chly (Per Hour) 6 Steam & Dry 7 Rinse, Steam & Dry 8 Detergent Wash, Rinse & Dry 10 Caustic Wash, Rinse & Dry 11 Waste Water Surcharge 12 Solvent Wash (Diesel # Hours) 13 Solvent Wash (Stripper) 14 Exterior Tractor Wash 15 Exterior Trailer Wash (with Internal) 16 Exterior Trailer Wash (with Internal) 17 Exterior Acid Brite Wash (with Internal) 18 Hand Labor (# Men / # Hours) 19 Hydroblaster (# Hours) 20 Solvent Wash (Green Stripper) 21 Passivation Hose Cleaning Pump Cleaning Cleaned By: Date Date Print Name: Date Print Name: Date Date Print Name: Date						/// //////////////////////////////////	n #3 0	#4	_ #5
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13 Solvent Wash (Stripper) 14 Exterior Tractor Wash 15 Exterior Trailer Wash (w/o Internal) 16 Exterior Trailer Wash (with Internal) 17 Exterior Acid Brite Wash 18 Hand Labor (# Men / # Hours) 19 Hydroblaster (# Hours) 20 Solvent Wash (Green Stripper) 21 Passivation Hose Cleaning Pump Cleaning Pump Cleaning Cleaned By: Date Date Date Date Print Name: Date	11 Waste Water Surcharge				*.				
14 Exterior Tractor Wash 15 Exterior Trailer Wash (w/o Internal) 16 Exterior Trailer Wash (with Internal) 17 Exterior Acid Brite Wash 18 Hand Labor (# Men / # Hours) 19 Hydroblaster (# Hours) 20 Solvent Wash (Green Stripper) 21 Passivation Hose Cleaning Pump Cleaning Pump Cleaning Cleaned By: Date Date Date Date Print Name: Date Date Date Print Name: Date	12 Solvent Wash (Diesel # H	ours)							
15 Exterior Trailer Wash (w/o Internal) 16 Exterior Acid Brite Wash 17 Exterior Acid Brite Wash 18 Hand Labor (# Men / # Hours) 19 Hydroblaster (# Hours) 20 Solvent Wash (Green Stripper) 21 Passivation Hose Cleaning Pump Cleaning Cleaned By: Cleaned By: Date Date Date Date Print Name: Date Print Name: Date Date Print Name: Date Date Date Date Print Name: Date Date Date Print Name: Date	13 Solvent Wash (Stripper)		*.						
16 Exterior Trailer Wash (with Internal) 17 Exterior Acid Brite Wash 18 Hand Labor (# Men / # Hours) 19 Hydroblaster (# Hours) 20 Solvent Wash (Green Stripper) 21 Passivation Hose Cleaning Pump Cleaning CES Environmental Services, Inc., Cleaning Division, makes no guarantalis with respect to the thoroughness of the tank washing procedure or the total elimination of interior residues and/or moisture. Final inspector of the equipment remains the responsibility of the customer, and they hereby release CES Environmental Services, Inc., Cleaning Division, make no guarantalis with respect to the thoroughness of the tank washing procedure or the total elimination of interior residues and/or release CES Environmental Services, Inc., Cleaning Division, from any responsibility of claims arising from any allegations that the equipment was improperly cleaned, resulting in damage or loss. CES Environmental Services, Inc., Cleaning Division, is in no manner responsibility for claims arising from any allegations that the equipment was improperly cleaned, resulting in damage or loss. CES Environmental Services, Inc., Cleaning Division, is in no manner responsibility for claims arising from any allegations that the equipment was improperly cleaned, resulting in damage or loss. CES Environmental Services, Inc., Cleaning Division, makes no guarantalis left in their yard. Inspected By: Date Print Name: Date	14 Exterior Tractor Wash			· · · · · · · · · · · · · · · · · · ·					
Authorized Additional Services: 18 Hand Labor (# Men / # Hours) 19 Hydroblaster (# Hours) 20 Solvent Wash (Green Stripper) 21 Passivation Hose Cleaning Pump Cleaning Cleaning Cleaned By: Date Date Date Date Date Print Name: Date Date Authorized Additional Services: CES Environmental Services, Inc., Cleaning Division, makes no guarantess with respect to the thoroughness of the tank washing procedure or the total elimination of interior residues and/or moisture. Final inspection of the equipment remains the responsibility of the customer, and they hereby the company a	15 Exterior Trailer Wash (w/o	Internal)					•		
18 Hand Labor (# Men / # Hours) 19 Hydroblaster (# Hours) 20 Solvent Wash (Green Stripper) 21 Passivation Hose Cleaning Pump Cleaning CES Environmental Services, Inc., Cleaning Division, makes no guarantess with respect to the thoroughness of the tank washing procedure or the total elimination of interior residues and/or moisture. Final inspection of the equipment remains the responsibility of the customer, and they herein release CES Environmental Services, Inc., Cleaning Division, from any responsibility of the customer, and they herein release CES Environmental Services, Inc., Cleaning Division, from any responsibility for dains arising from any allegations that the equipment was improperly cleaned, resulting in damage or loss. CES Environmental Services, Inc., Cleaning Division, is in no manner responsible for any damages or losses of equipment and/or materials left in their yard. Inspected By: Date Print Name: Date	16 Exterior Trailer Wash (with	ı Internal)	x 1						
19 Hydroblaster (# Hours) 20 Solvent Wash (Green Stripper) 21 Passivation Hose Cleaning Pump Cleaning CES Environmental Services, Inc., Cleaning Division, makes no guarantees with respect to the throughness of the tank washing procedure or the total elimination of interior residues and/or moisture. Final inspection of the equipment remains the responsibility of the customer, and they herein release CES Environmental Services, inc., Cleaning Division, from any responsibility of the customer, and they herein release CES Environmental Services, inc., Cleaning Division, is in no manner responsible for any damages or losses of equipment and/or materials left in their yard. Inspected By: Date Print Name: Date	17 Exterior Acid Brite Wash		:		Authorized Addit	ional Service	es:		
20 Solvent Wash (Green Stripper) 21 Passivation Hose Cleaning Pump Cleaning CES Environmental Services, Inc., Cleaning Division, makes no guarantees with respect to the thoroughness of the tank washing procedure or the total elimination of interior residues and/or moisture. Final inspection of the equipment remains the responsibility of the customer, and they hereby release CES Environmental Services, Inc., Cleaning Division, from any responsibility of education arising from any allegations that the equipment was improperly cleaned, resulting in damage or loss. CES Environmental Services, Inc., Cleaning Division, is in no manner responsible for any damages or losses of equipment and/or materials left in their yard. Print Name: Date Date	18 Hand Labor (# Men / # Ho	ours)				1			
Pump Cleaning CES Environmental Services, Inc., Cleaning Division, makes no guarantees with respect to the thoroughness of the tank washing procedure or the total elimination of interior residues and/or moisture. Final inspection of the equipment remains the responsibility of the customer, and they hereby release CES Environmental Services, Inc., Cleaning Division, from any responsibility of to claims arising from any allegations that the equipment was improperly cleaned, resulting in damage or loss. CES Environmental Services, Inc., Cleaning Division, is in no manner responsible for any damages or losses of equipment and/or materials left in their yard. Print Name: Date Print Name: Date	19 Hydroblaster (# Hours)								
Pump Cleaning CES Environmental Services, Inc., Cleaning Division, makes no guarantees with respect to the thoroughness of the tank washing procedure or the total elimination of interior residues and/or moisture. Final inspection of the equipment remains the responsibility of the customer, and they hereby release CES Environmental Services, Inc., Cleaning Division, from any responsibility for claims arising from any allegations that the equipment was improperly cleaned, resulting in damage or loss. CES Environmental Services, Inc., Cleaning Division, is in no manner responsible for any damages or losses of equipment and/or materials left in their yard. Print Name: Date Date	20 Solvent Wash (Green Stri	pper)	1			<u>.</u>			
Pump Cleaning CES Environmental Services, Inc., Cleaning Division, makes no guarantess with respect to the thoroughness of the tank washing procedure or the total elimination of interior residues and/or moisture. Final inspection of the equipment remains the responsibility of the customer, and they hereby release CES Environmental Services, Inc., Cleaning Division, from any responsibility for claims arising from any allegations that the equipment was improperly cleaned, resulting in damage or loss. CES Environmental Services, Inc., Cleaning Division, makes no guarantess with respect to the thoroughness of the tank washing procedure or the total elimination of interior residues and/or moisture. Final inspection of the equipment remains the responsibility of the customer, and they hereby release CES Environmental Services, Inc., Cleaning Division, makes no guarantess with respect to the thoroughness of the tank washing procedure or the total elimination of interior residues and/or moisture. Final inspection of the equipment remains the responsibility of their saring from any allegations that the equipment was improperly cleaned, resulting in damage or loss. CES Environmental Services, Inc., Cleaning Division, makes no guarantess with respect to the thoroughness of the tank washing procedure or the total elimination of interior residues and/or moisture. Final inspection of the equipment remains the responsibility of telains are and/or moisture. Final inspection of the tank washing procedure or the total elimination of interior residues and/or moisture. Final inspection of the equipment was inproperly cleaned, and the procedure of the tank washing procedure or the total elimination of interior residues and/or moisture. Final inspection of the equipment was inproperly cleaned, and the procedure of the total elimination of interior residues and/or moisture. Final inspection of the equipment was improperly cleaned, and the procedure of the procedur	21 Passivation								
Cleaned By: Date 7 3 09 Date 7 3 09 CES Environmental Services, Inc., Cleaning Division, from any responsibility for claims arising from any allegations that the equipment was improperly cleaned, resulting in damage or loss. CES Environmental Services, Inc., Cleaning Division, is in no manner responsible for any damages or losses of equipment and/or materials left in their yard. Print Name: Date Date	Hose Cleaning								
Cleaned By: Date	Pump Cleaning				CES Environmental Servitoroughness of the tank	ices, Inc., Cleaning I washing procedure	Division, makes no gu or the total elimination	aranteës with of interior re	respect to the sidues and/or
Cleaned By: Date					release CES Environmental	Services, Inc., Clean	ing Division, from any	responsibility	for claims arising
Print Name: Date	Cleaned By:	/	Dat	e 7-3-09	CES Environmental S	ervices, Inc., Cleanin	g Division, is in no m	anner respons	sible for any
가입니다. 그런 바람이 되는 것이 되는 것이 되는 것이 되었다. 그런 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은	Inspected By:		Dat	le	Print Name			ato	
Signature:					, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			a.e	
					Signature:				. · ·

_nvironmental Services

TANK WASH WORK ORDER

Phone: (713) 676-1460 • Fax: (713) 676-1676

PO#	Customer:		Date: 1 / /			
534 8 8	1775		7/3/09			
Tractor	ctor Address:					
160			9.34			
Trailer / Container Numb	er Dropped By:		Need By:			
700+ 670L	Clomez					
CONTAINER TYPE:	TOTE BIN ROLL DOOR BOX	ISO CONTAINER	DRY BULK			
TANK TRAILER	ROLL TARP BOX VACUUM BOX	FRAC TANK PC	DLY TANK			
Compartment #	Last Contained	Heel - Hazardous Heel - N	on-Haz Drum / Rolloff			
1 Detres roll						
2						
3						
4						
5						
CLEANING CODES	WORK PERFORMED	TANK E	NTRY PERMIT			
1 Air Dry		Oxygen (19.5% -23.5%) #2	^f #2 #3 #4 #5			
2 Quick Rinse			#2#3#4#5			
3 Cold Water Rinse			#2 #3 #4 #5			
4 Hot Water Rinse		Toxic Vapor #1	#2 #3 #4 #5			
5 Steam Only (Per Hou	7)	Signature:				
6 Steam & Dry		Stripper Usage:				
7 Rinse, Steam & Dry						
8 Detergent Wash, Rins	se & Dry	Comments:				
9 Caustic Wash & Dry						
10 Caustic Wash, Rinse						
11 Waste Water Surcha		t de la companya de Tanàna				
12 Solvent Wash (Diese						
13 Solvent Wash (Stripp						
14 Exterior Tractor Was						
15 Exterior Trailer Wash		-				
16 Exterior Trailer Wash		Authorized Additional Ser	vices:			
17 Exterior Acid Brite W		Authorized Additional Set	vices.			
18 Hand Labor (# Men /	- 1					
19 Hydroblaster (# Hou						
21 Passivation	(i ourpper)		 			
Hose Cleaning						
Pump Cleaning		CES Environmental Services, Inc., Clea	ning Division, makes no guarantees with respect to the			
		moisture. Final inspection of the equipment release CES Environmental Services, Inc.,	edure or the total elimination of interior residues and/or remains the responsibility of the customer, and they hereby Cleaning Division, from any responsibility for claims arising t was improperly cleaned, resulting in damage or loss.			
Cleaned By:			leaning Division, is in no manner responsible for any ipment and/or materials left in their yard.			
Inspected By:	Date	Print Name: (222)	Date 7-1-01			
		Signature:				
	5. N. N. P.					

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

TANK WASH WORK ORDER

				T=	
PO # Custo	mer:			Date:	5.9
Tractor Addre	ess:			Time:	
Trailer / Container Number Dropp	ped By:			Need By:	*
0010			·		
CONTAINER TYPE: TOTE B				DRY BULK	
	L TARP BOX	FRAC TANK	POLY TAN	7	JUM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum /	Rolloff
1 felroteum.				<u> </u>	<u> </u>
2			·		
3					
4					
5					
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT	·
1 Air Dry		Oxygen (19.5% -23.5		#3 #4	#5
2 Quick Rinse		LEL (<10%)	#1 #2		#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1_3_#2		#5
4 Hot Water Rinse		Toxic Vapor Signature:	#1 <u>0*</u> #2 ブレ	#3 #4	#5
5 Steam Only (Per Hour)					
6 Steam & Dry		Stripper Usage:	**************************************		
7 Rinse, Steam & Dry		O			
8 Detergent Wash, Rinse & Dry		Comments:			
9 Caustic Wash & Dry		_		-	
10 Caustic Wash, Rinse & Dry					
11 Waste Water Surcharge		4			
12 Solvent Wash (Diesel # Hours)					e transfer en
13 Solvent Wash (Stripper)		-			2
14 Exterior Tractor Wash	-not)	-			
15 Exterior Trailer Wash (w/o Inter 16 Exterior Trailer Wash (with Inte		- 			
17 Exterior Acid Brite Wash	inal)	Authorized Addit	ional Services:		
18 Hand Labor (# Men / # Hours)					<u> </u>
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green Stripper)	<u> </u>			· · · · · · · · · · · · · · · · · · ·	
21 Passivation	'				
Hose Cleaning					
Pump Cleaning		CES Environmental Sen	vices, Inc., Cleaning Division	, makes no guarantees	with respect to the
	0	thoroughness of the tan moisture. Final inspection of release CES Environmental from any allegations tha	the equipment remains the Services, Inc., Cleaning Div to the equipment was improp	ision, from any responsil	sility for claims arising
Cleaned By:	Date 7-69	CES Environmental S	Services, Inc., Cleaning Divis or losses of equipment and/	ion, is in no manner resp	onsible for any
Inspected By:	Date	Print Name:		Date	
		Signature:	·		

TANK WASH WORK ORDER

Container / Tank Cleaning Division 4904 Griggs Rd. Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676

	Y			
PO # Customer:	ITS		····	Date: 7-5-09
Tractor Address:	h		•	Time: 19, 45
Trailer / Container Number Dropped B	dy:			Need By,
LT1130				ASAP
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONTA	AINER [DRY BULK
☐ TANK TRAILER ☐ ROLL TAF	RP BOX	☐ FRAC TANK	POLY TANK	
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 COMP. I OLI 9/0	7/			
2 Cdm 2.2 04 1910	7			
3 Cany 3. DI)A3548			· · · · · · · · · · · · · · · · · · ·	
4				
5				
CLEANING CODES	WORK PERFORMED	·	TANK ENTRY	PERMIT
1 Air Dry		Ovygen (19.5% -23.5%	6) #12/1/#2 7	
2 Quick Rinse		LEL (<10%)	#1 #2/	#3 #4 #5
3 Cold Water Rinse		CO ² (<35 ppm)	#10 #2/	#3 #4 # #5
4 Hot Water Rinse		Toxic Vapor	#2 #2	#3C #4 C #5
5 Steam Only (Per Hour)		Signature: 3	<u> </u>	
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse & Dry		Comments:		
9 Caustic Wash & Dry		1 _ 5	hoses	in hose red and ibe
10 Caustic Wash, Rinse & Dry		Tube To	be Wast	edald
11 Waste Water Surcharge		0 + 12	1/	1 a gra
12 Solvent Wash (Diesel # Hours)		PUI 1290	CK 14 71	168
13 Solvent Wash (Stripper)				
14 Exterior Tractor Wash				* · · · · · · · · · · · · · · · · · · ·
15 Exterior Trailer Wash (w/o Internal)				
16 Exterior Trailer Wash (with Internal)		1		
17 Exterior Acid Brite Wash		Authorized Additi	onal Services:	
18 Hand Labor (# Men / # Hours)				
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green Stripper)				
21 Passivation				
Hose Cleaning	10 to the Lawrence			
Pump Cleaning	*	CES Environmental Servi	ces, Inc., Cleaning Division,	makes no guarantees with respect to the tal elimination of interior residues and/or
Cleaned By:	Date 1	moisture. Final inspection of t release CES Environmental S from any allegations that CES Environmental Se	he equipment remains the re Services, Inc., Cleaning Divi the equipment was imprope	esponsibility of the customer, and they hereby sion, from any responsibility for claims arising rly cleaned, resulting in damage or loss. on, is in no manner responsible for any
Inspected By:	Date	Print Name: To	may Figu	KST/Date 7-5:09
		Signature:	and I	KS Thate 7-5.08

TANK WASH WORK ORDER

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676

<u></u>		<u> </u>			
PO # Customer:	ITS			Date: 7-6-	09
Tractor Address:				Time:	
Trailer / Container Number Dropped B				Need By:	/
7397	LOCODIO		A Al	Certh	
CONTAINER TYPE: TOTE BIN	T ROOM SOOD SOON	The contract	1/2//	P P P P P P P P P P P P P P P P P P P	40
CONTAINENT TIL. WITCH	ROLL DOOR BOX	ISO CONT	_	DRY BULK	MATOLICK
TANK TRAILER ROLL TAR		FRAC TANK	POLY TANK		JM TRUCK
	_ast Contained	Heel - Hazardous	Heel - Non-Haz	Drum / F	lolloff
1 Acetio Acid					
2			· · · · · · · · · · · · · · · · · · ·		
3	· · · · · · · · · · · · · · · · · · ·				·
4	<u> </u>				
5					4+1
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT	36.
1 Air Dry		Oxygen (19.5% -23.5	%) #2 <u>10.1</u> #2	#3#4	#5
2 Quick Rinse		LEL (<10%)	#1#2	_ #3 #4	#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 #2	_ #3 #4	#5
4 Hot Water Rinse		Toxic Vapor	#1 0 #2	#3 #4	#5
5 Steam Only (Per Hour)		Signature:	JL		
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse & Dry		Comments:			
9 Caustic Wash & Dry		1			
10 Caustic Wash, Rinse & Dry					
11 Waste Water Surcharge		1			
12 Solvent Wash (Diesel # Hours)			•		•
13 Solvent Wash (Stripper)					
14 Exterior Tractor Wash		1			
15 Exterior Trailer Wash (w/o Internal)			en de la companya de La companya de la co		
16 Exterior Trailer Wash (with Internal)					
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:		
18 Hand Labor (# Men / # Hours)		1			
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green Stripper)					
21 Passivation				· · · · · · · · · · · · · · · · · · ·	
Hose Cleaning					
Pump Cleaning		thoroughness of the tank	ices, Inc., Cleaning Division, washing procedure or the to	otal elimination of interior i	esidues and/or
		moisture. Final inspection of release CES Environmental	the equipment remains the re Services, Inc., Cleaning Divis	esponsibility of the custom sion, from any responsibili	er, and they hereby by for claims arising
Cleaned By: TL JE	Date 7 6 9		t the equipment was imprope ervices, Inc., Cleaning Division		
Cidalied by.	Date_/	damages	or losses of equipment and/o	r materials left in their yan	1.
Inspected By:	Date	Print Name	dely.G	Date	6-07
		Signature:	addit 2)		
	and the state of t				

CES Environmental Services Container / Tank Cleaning Division

TANK WASH WORK ORDER

4904 Griggs Rd. • Houston, TX Phone: (713) 676-1460 • Fax:				24741
PO# Cus	tomer:		[Date: 00 /01
	ress:		1	Fime:
Trailer / Container Number Dro	pped By:		ľ	Need By:
CONTAINER TYPE: TOTE	BIN ROLL DOOR BOX	☐ ISO CONT	AINER 🔲	DRY BULK
4 —	LL TARP BOX	☐ FRAC TANK	POLY TANK	☐ VACUUM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 W/N mpc4-				·
2			a,	
3				
4		· ·		
				
5 CLEANING CODES	WORK PERFORMED		TANK ENTRY P	DMIT
	WORK PERFORMED			
1 Air Dry 2 Quick Rinse			,	#3#4#5
		LEL (<10%)		#3 #4 #5 #3 #4 #5
3 Cold Water Rinse		CO ² (<35 ppm) Toxic Vapor	#1 <u>0</u> #2	
4 Hot Water Rinse		Signature:	#1 <u>J</u> #2	по по
5 Steam Only (Per Hour)		Stripper Usage:		
6 Steam & Dry		Stripper Osage.		
7 Rinse, Steam & Dry		Comments:		
8 Detergent Wash, Rinse & Dry		Comments:		
9 Caustic Wash & Dry		_ .		
10 Caustic Wash, Rinse & Dry		_ .		
11 Waste Water Surcharge				
12 Solvent Wash (Diesel # Hou	rs)		•	
13 Solvent Wash (Stripper)				
14 Exterior Tractor Wash				
15 Exterior Trailer Wash (w/o In	ternal)			
16 Exterior Trailer Wash (with In	iternal)			
17 Exterior Acid Brite Wash		Authorized Addit	tional Services:	
18 Hand Labor (# Men / # Hour	s)			
19 Hydroblaster (# Hours)	<u> </u>		,	
20 Solvent Wash (Green Strippe	er)			
21 Passivation			<u> </u>	·
Hose Cleaning				
Pump Cleaning Cleaned By: 57 - 14	Date 7.6.9	thoroughness of the tan moisture. Final inspection of release CES Environmental from any allegations tha	k washing procedure or the tota the equipment remains the resp Services, Inc., Cleaning Divisio t the equipment was improperly	akes no guarantees with respect to the lelimination of interior residues and/or onsibility of the customer, and they hereby h, from any responsibility for claims arising cleaned, resulting in damage or loss. is in no manner responsible for any
Inspected By:		damages	or losses of equipment and/or m	naterials left in their yard.
		Print Name:	loce	Date

TANK WASH WORK ORDER

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676

PO # < 3503 · Customer:	Date: 7-6-09
Tractor Address:	Time:
6337	
Trailer / Container Number Dropped By:	Need By:
6508 Strgio Doming	
CONTAINER TYPE: TOTE BIN ROLL DOOR BOX	☐ ISO CONTAINER ☐ DRY BULK
TANK TRAILER ROLL TARP BOX VACUUM BOX	☐ FRAC TANK ☐ POLY TANK ☐ VACUUM TRUCK
Compartment # Last Contained	Heel - Hazardous Heel - Non-Haz Drum / Rolloff
1 Lotter Stock	
2	
3	
4	
5	
CLEANING CODES WORK PERFORMED	TANK ENTRY PERMIT
1 Air Dry	Oxygen (19.5% -23.5%) #12 #2 #3 #4 #5
2 Quick Rinse	LEL (<10%) #1 #2 #3 #4 #5
3 Cold Water Rinse	CO ² (<35 ppm) #1 <u>3</u> #2 #3 #4 #5
4 Hot Water Rinse	Toxic Vapor #1 #2 #3 #4 #5
5 Steam Only (Per Hour)	Signature:
6 Steam & Dry	Stripper Usage:
7 Rinse, Steam & Dry	
8 Detergent Wash, Rinse & Dry	Comments:
9 Caustic Wash & Dry	
10 Caustic Wash, Rinse & Dry	
11 Waste Water Surcharge	
12 Solvent Wash (Diesel # Hours)	
13 Solvent Wash (Stripper)	
14 Exterior Tractor Wash	
15 Exterior Trailer Wash (w/o Internal)	
16 Exterior Trailer Wash (with Internal)	
17 Exterior Acid Brite Wash	Authorized Additional Services:
18 Hand Labor (# Men / # Hours)	
19 Hydroblaster (# Hours)	
20 Solvent Wash (Green Stripper)	
21 Passivation	
Hose Cleaning	
Cleaned By: 57-00 Date 7-69	CES Environmental Services, Inc., Cleaning Division, makes no guarantees with respect to the thoroughness of the tank washing procedure or the total elimination of interior residues and/or moisture. Final inspection of the equipment remains the responsibility of the customer, and they hereby release CES Environmental Services, Inc., Cleaning Division, from any responsibility for claims arising from any allegations that the equipment was improperly cleaned, resulting in damage or loss.
Cleaned By: 51-16 Date / 69	CES Environmental Services, Inc., Cleaning Division, is in no manner responsible for any damages or losses of equipment and/or materials left in their yard.
Inspected By: Date	Print Name: Solfic D Date 5/09
	Print Name: Date 1/09 Signature: Date 1/09

S Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO#	Customer:				Date:	
Tractor	Address:	· · · · · · · · · · · · · · · · · · ·			Time:	
/dX		1		<u> </u>	12:00	
Trailer / Container Number	Dropped By				Need By:	
6501		<u>/</u>			HSP	
CONTAINER TYPE:	TOTE BIN	ROLL DOOR BO	X ISO CONT	AINER [DRY BULK	
TANK TRAILER	ROLL TARP BO	X VACUUM B	OX FRAC TANK	POLY TAN	K 🔲 VACUI	UM TRUCK
Compartment #	Last	Contained		Heel - Non-Haz	Drum / F	-
1310 Diests						
2						
3						
4						
5		-				
CLEANING CODES	, i i i i i i i i i i i i i i i i i i i	VORK PERFORME)	TANK ENTRY	PERMIT	
1 Air Dry		· .	Oxygen (19.5% -23.5	%) #Ja, a \ #2	#3 #4	#5
2 Quick Rinse			LEL (<10%)		#3#4	
3 Cold Water Rinse			CO ² (<35 ppm)	_	#3 #4	
4 Hot Water Rinse		·	Toxic Vapor	, #1 #2		#5
5 Steam Only (Per Hour)			Signature: <	, , , , , , , , , , , , , , , , , , ,	-	
6 Steam & Dry			Stripper Usage:			
7 Rinse, Steam & Dry						
8 Detergent Wash, Rinse 8	& Dry		Comments:			. 7
9 Caustic Wash & Dry						
10 Caustic Wash, Rinse &	Dry					
11 Waste Water Surcharge	e /					
12 Solvent Wash (Diesel #	Hours)					
13 Solvent Wash (Stripper)				* 1	
14 Exterior Tractor Wash					* · ·	
15 Exterior Trailer Wash (v	v/o Internal)					
16 Exterior Trailer Wash (v	vith Internal)					
17 Exterior Acid Brite Was	sh		Authorized Addi	tional Services:		
18 Hand Labor (# Men / #	Hours)			, 		
19 Hydroblaster (# Hours)						
20 Solvent Wash (Green S	Stripper)					
21 Passivation						
Hose Cleaning						
Pump Cleaning			CES Environmental Ser thoroughness of the tan	vices, Inc., Cleaning Division, k washing procedure or the to	makes no guarantees wit	h respect to the residues and/or
	-		release CES Environmental	the equipment remains the n Services, Inc., Cleaning Divis	esponsibility of the custom sion, from any responsibili	er, and they hereby ty for claims ansing
Cleaned By:	C.P.	Date 7 - 6 - 0	from any allegations the	at the equipment was imprope Services, Inc., Cleaning Divisi		
			damages	or losses of equipment and/o	r materials left in their yarr	1
Inspected By:		_ Date	Print Name:		Date	1 .
						*
			Signature:			

Environmental Services
Italiner / Tank Cleaning Division
+904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO # Customer;			, 	Date:	
		>		7/	a
Tractor Address:				Time:	
Trailer / Container Number Dropped B	iy:			Need By:	
755				95.	ค่า
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	ISO CONT	AINER [DRY BULK	
☐ TANK TRAILER ☐ ROLL TAF	RP BOX	☐ FRAC TANK	POLY TAN	K 🔲 VACUU	M TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz		
1 Bytul	Acetate				
2			· · · · · · · · · · · · · · · · · · ·		- F
3					
4			· · · · · · · · · · · · · · · · · · ·		
5					
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry		Oxygen (19.5% -23.5	%) # 1 Z <u>* 1</u> #2	#3#4	_ #5
2 Quick Rinse		LEL (<10%)	#1		
3 Cold Water Rinse		CO ² (<35 ppm)		#3#4	
4 Hot Water Rinse		Toxic Vapor	2 #1_ 0 #2	#3 #4	#5
5 Steam Only (Per Hour)		Signature	/ <i>U</i>		
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry			· ·	<u> </u>	
8 Detergent Wash, Rinse & Dry		Comments:			
9 Caustic Wash & Dry				*	•
10 Caustic Wash, Rinse & Dry					
11 Waste Water Surcharge					
12 Solvent Wash (Diesel # Hours)					
13 Solvent Wash (Stripper)				•	
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (w/o Internal)					
16 Exterior Trailer Wash (with Internal)					<u> </u>
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:		
18 Hand Labor (# Men / # Hours)			•	<i>.</i>	
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green Stripper)					
21 Passivation			<u></u>		
Hose Cleaning					
Pump Cleaning		thoroughness of the tank moisture. Final inspection of release CES Environmental	ices, Inc., Cleaning Division, washing procedure or the to the equipment remains the re Services, Inc., Cleaning Divi- t the equipment was imprope	otal elimination of interior re- esponsibility of the custome sion, from any responsibility	sidues and/or r, and they hereby for claims arising
Cleaned By:	Date 7-7-0 9	CES Environmental S	ervices, Inc., Cleaning Division losses of equipment and/o	on, is in no manner respons	sible for any
Inspected By:	Date	Print Name:		Date	
		Signature:			

CES Environmental Services Container / Tank Cleaning Division

TANK WASH WORK ORDER

4904 Griggs Hd. Houston, TX 770 Phone: (713) 676-1460 • Fax: (713)				24776
PO # Custome 53594	175			Date: 7/7/09
Tractor 36 Address:				Time: /4,'//
Trailer / Container Number Dropped	Ву:			Need By:
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER 🔲	DRY BULK
TANK TRAILER ROLL TA		FRAC TANK	POLY TANK	
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 COTISPEDSE (1	5501	11001 1102410040	11001 (1011 1102	J. G. 1. 7. 1. G.
2 C L	3301	 		
2 Entry	P600			
3 Of Ti Guend MC	1600			
4				
5			74314 53.754 5	
CLEANING CODES	WORK PERFORMED		TANK ENTRY P	
1 Air Dry			%) # 1 (#2] en	#30,0144 #5
2 Quick Rinse		LEL (<10%)	#1_#2_#2_6_	#3_0_#4#5 #3_0_#4#5 #3_f_#4#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1#2	#3#4#5
4 Hot Water Rinse		Toxic Vapor Signature	O *1-4 *2-7	#3 #4 #5
5 Steam Only (Per Hour)		<u> </u>		
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse & Dry		Comments:	and the second s	
9 Caustic Wash & Dry				
10 Caustic Wash, Rinse & Dry				
11 Waste Water Surcharge				
12 Solvent Wash (Diesel # Hours)		4		
13 Solvent Wash (Stripper)				
14 Exterior Tractor Wash				
15 Exterior Trailer Wash (w/o Internal)	<u>) </u>	_		
16 Exterior Trailer Wash (with Internal)			gent in the second
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:	
18 Hand Labor (# Men / # Hours)				
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green Stripper)				
21 Passivation	V			
Hose Cleaning V	$1 \rightarrow$			
Pump Cleaning		thoroughness of the tan moisture. Final inspection of release CES Environmental	k washing procedure or the tota the equipment remains the res Services, Inc., Cleaning Divisio	nakes no guarantees with respect to the al elimination of interior residues and/or ponsibility of the customer, and they hereby on, from any responsibility for claims arising
Cleaned By: C.P. 5	Date 7-9-09	from any allegations that CES Environmental S	t the equipment was impropert	y cleaned, resulting in damage or loss. I, is in no manner responsible for any
Inspected By:	Date	Print Name:	an Kapile	100 Date 7/7/09
		Signature:	an y	

TANK WASH WORK ORDER

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676

PO# ***	Customer:	*				Date:	
	- Justonier.	7				7 7	19
Tractor	Address:	4				Time:	$\frac{\sigma_{-I}}{\sigma_{-I}}$
Tradioi	Address.						
Trailer / Container Num	her Dropped B	lv.		<u> </u>		Need By:	
151	ber Dropped 2	·y•				INCEU Dy.	
CONTAINER TYPE:	TOTE BILL		ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK	
TANK TRAILER	ROLL TAF		VACUUM BOX	FRAC TANK	POLY TAN	<u>·</u>	UUM TRUCK
Compartment #			ntained	Heel - Hazardous	7	1	Rolloff
1 Pam P		Lasi Oc	mameu	i leel - Hazardous	TICCI - INOTI-TIAZ	Didin/	Tionon
						- · · · · · · · · · · · · · · · · · · ·	
3	 						
4			<u> </u>				
5				<u> </u>			
CLEANING CODE	S	WO	RK PERFORMED		TANK ENTRY	PERMIT	, , ,
1 Air Dry			THE LITE OF MALES	Oxygen (19.5% -23.59		#3 #4	#5
2 Quick Rinse				LEL (<10%)	#1#2		
3 Cold Water Rinse				CO ² (<35 ppm)	#1#2		#5
4 Hot Water Rinse				Toxic Vapor	#1#2	#3#4	#5
5 Steam Only (Per Ho	ur)			Signature:	~		
6 Steam & Dry				Stripper Usage:			
7 Rinse, Steam & Dry	và						
8 Detergent Wash, Rin		-		Comments:			
9 Caustic Wash & Dry			· · · · · · · · · · · · · · · · · · ·				
10 Caustic Wash, Rin	se & Dry						
11 Waste Water Surch	narge						· ·
12 Solvent Wash (Die	sel # Hours)			7			
13 Solvent Wash (Stri	pper)						
14 Exterior Tractor Wa	ısh					,	
15 Exterior Trailer Was	sh (w/o internal)						
16 Exterior Trailer Was	sh (with Internal)						
17 Exterior Acid Brite	Wash			Authorized Addit	ional Services:		
18 Hand Labor (# Mei	n / # Hours)						
19 Hydroblaster (# Ho	ours)						
20 Solvent Wash (Gre	en Stripper)						
21 Passivation							
Hose Cleaning 3.	2"1						
Pump Cleaning				thoroughness of the tank	ices, Inc., Cleaning Division washing procedure or the t	otal elimination of interior	or residues and/or
	_ 2	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		moisture. Final inspection of release CES Environmental from any allegations the	the equipment remains the Services, Inc., Cleaning Div t the equipment was improp	ielon from any reenonei	hility for claime arigina
Cleaned By:	J.K.		Date 7 - 7 - 09	CES Environmental S	ervices, Inc., Cleaning Divis	ion, is in no manner res	ponsible for any
	A. Jal		77.7	damages o	or losses of equipment and/o	a materials lent in their y	rard.
Inspected By:	WANT CONTRACTOR		Date / TOT	Print Name:		Date	<u> </u>
				Signature:		·	· · · · · · · · · · · · · · · · · · ·

CES Flavironmental Services
Contented Fank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

		<u></u>			<u> </u>
PO # Custome				Date:	
53527 II	45			7-7.	-09
Tractor Address:				Time:	
138				130	pou
Trailer / Container Number Dropped	By:			Need By:	
850 7	203				
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK	
TANK TRAILER ROLL TA	7 °	☐ FRAC TANK	POLY TAN		JUM TRUCK
Compartment #	Last Contained	Heel - Hazardous		Drum /	
1 ANTITREEZE				\$ 2	146
2					
3	1. 曦				
4					
5					
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT.	
1 Air Dry		Oxygen (19.5% -23.59		#3 #4	#5
2 Quick Rinse		LEL (<10%)	#1 <u>2</u> #2		#5
3 Cold Water Rinse	1	CO ² (<35 ppm)	#1#2	#3#4	#5
4 Hot Water Rinse		Toxic Vapor	#1		#5
5 Steam Only (Per Hour)		Signature:	5+		
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry		1			
8 Detergent Wash, Rinse & Dry		Comments:	· · · · · · · · · · · · · · · · · · ·		
9 Caustic Wash & Dry					
10 Caustic Wash, Rinse & Dry			• ************************************		
11 Waste Water Surcharge		1			
12 Solvent Wash (Diesel # Hours)		1			
13 Solvent Wash (Stripper)					
14 Exterior Tractor Wash				:	The state of the s
15 Exterior Trailer Wash (w/o Internal)					
16 Exterior Trailer Wash (with Internal					
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:		· · · · · · · · · · · · · · · · · · ·
18 Hand Labor (# Men / # Hours)					-
19 Hydroblaster (# Hours)					-
20 Solvent Wash (Green Stripper)					
21 Passivation					
Hose Cleaning					
Pump Cleaning		CES Environmental Serv thoroughness of the tank	ices, Inc., Cleaning Division, washing procedure or the to	, makes no guarantees v otal elimination of interio	rith respect to the
_		moisture. Final inspection of the release CES Environmental	the equipment remains the r Services, Inc., Cleaning Divi	esponsibility of the custo sion, from any responsib	mer, and they hereby illty for claims arising
Cleaned By: 51	Date 7.8.9		the equipment was imprope ervices, Inc., Cleaning Divisi		-,
		damages o	or losses of equipment and/o	or materials left in their ya	ırd.
Inspected By:	Date	Print Name:		Date	
		rink Name		Date	
		Signature:			
	Company of the Compan				

Intal Services
Aning Division
Houston, TX 77021
F6-1460 • Fax (713) 676-1676

670-1400 - Tax. (716	1070-2070			
Custome	er:		:	Date:
	175			7.8.09
Address				Time:
Trailer / Container Number Dropped	I By:			Need By:
	CO TO THE REPORT OF THE PERSON			
CONTAINER TYPE: TOTE BIN		☐ ISO CONT/	AINER [DRY BULK
☐ TANK TRAILER ☐ ROLL T	ARP BOX VACUUM BOX	☐ FRAC TANK	POLY TANK	VACUUM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 Fraires /Kel	OFIAN			
2				
3	are to a second		·	
4			*	
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY F	PERMIT
1 Air Dry		Oxygen (19.5% -23.5%	6) 180,11 1#2201	C432 1. 1 44 #5
2 Quick Rinse		LEL (<10%)		#3 0 #4 #5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 0 #2 0	The state of the s
4 Hot Water Rinse		Toxic Vapor	O#1_6_#2_O	#3 <u>~</u> #4#5
5 Steam Only (Per Hour)	me.	Signature #		
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse & Dry		Comments:		
9 Caustic Wash & Dry				
10 Caustic Wash, Rinse & Dry	Z Z			
11 Waste Water Surcharge				
12 Solvent Wash (Diesel # Hours)				
13 Solvent Wash (Stripper)		-		
14 Exterior Tractor Wash				
15 Exterior Trailer Wash (w/o Interna	1)			
16 Exterior Trailer Wash (with Interna	al)			
17 Exterior Acid Brite Wash		Authorized Addit	onal Services:	
18 Hand Labor (# Men / # Hours)				
19 Hydroblaster (# Hours)			**************************************	
20 Solvent Wash (Green Stripper)				•
21 Passivation				
Hose Cleaning				
Pump Cleaning		CES Environmental Servi	ices, Inc., Cleaning Division,	makes no guarantees with respect to the otal elimination of interior residues and/or
Cleaned By: JR, AX	Date 7 - 9 - 0 9	moisture. Final inspection of t release CES Environmental from any allegations that	he equipment remains the re Services, lijc., Cleaning Divis the equipment was imprope	asponsibility of the customer, and they hereby sion, from any responsibility for claims ansing only cleaned, resulting in damage or loss.
,		damages	r losses of equipment and/or	on, is in no manner responsible for any rmaterials left in their yard.
Inspected By:	Date	Print Name:	SW	Date
		Signature:		· · · · · · · · · · · · · · · · · · ·

PO#	Customer:		A CONTRACTOR OF THE CONTRACTOR		Date/
	Kijshed				7/6/10
Tractor (709	Address:	ought to		•	Time: // 2 /
Trailer / Container Number	Dropped By:	Los le a			Need By:
CONTAINER TYPE:	OTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER -	DRY BULK
TANK TRAILER	ROLL TARP BOX	☐ VACUUM BOX	☐ FRAC TANK	POLY TANK	VACUUM TRUCK
Compartment #	Last Con	tained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 L-bu					
2	**************************************				
3					
4					
5					
CLEANING CODES	WOR	K PERFORMED		TANK ENTRY	PERMIT
1 Air Dry			Oxygen (19.5% -23.5	%) #12 . i #2	#3 #4_ #5
2 Quick Rinse			LEL (<10%)	#1_10 #2	#3#5
3 Cold Water Rinse			CO ² (<35 ppm)	#1	#3#4#5
4 Hot Water Rinse		et e.	Toxic Vapor	a #1 #2	#3#4#5
5 Steam Only (Per Hour)			Signature		
6 Steam & Dry			Stripper Usage:		
7 Rinse, Steam & Dry	/				
8 Detergent Wash, Rinse 8	Dry		Comments:	1	***
9 Caustic Wash & Dry				Kall	
10 Caustic Wash, Rinse &	Dry	• .	18,7.5		
11 Waste Water Surcharge			\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		
12 Solvent Wash (Diesel #					
13 Solvent Wash (Stripper)			┦		
14 Exterior Tractor Wash			\exists \bigcirc \bigcirc		•
15 Exterior Trailer Wash (w	/o Internal)		- \	K.	
16 Exterior Trailer Wash (w					
17 Exterior Acid Brite Wasl			Authorized Addit	ional Services:	
18 Hand Labor (# Men / #	Hours)				
19 Hydroblaster (# Hours)				•	
20 Solvent Wash (Green S	tripper)				
21 Passivation					
Hose Cleaning 1 2 /		· · · · · · · · · · · · · · · · · · ·			
Pump Cleaning			thomuchness of the ten	c washing procedure or the to	makes no guarantees with respect to the otal elimination of interior residues and/or
Cleaned By:	A 8 D	ate7_6-09	moisture. Final inspection of release CES Environmental from any allegations tha	the equipment remains the re Services, Inc., Cleaning Divis t the equipment was imprope	esponsibility of the customer, and they herel sion, from any responsibility for claims arisin orly cleaned, resulting in damage or loss.
Oldania Dj.	7		damages	or losses of equipment and/o	on, is in no manner responsible for any r materials left in their yard.
Inspected By:	Da	ate	Print Name:		Date
			Signature:		

TANK WASH WORK ORDER

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676

PO# Customer				In.
PO # Customer	Kilsher			Date: 7-6-9
Tractor 2265 Address:				Time: 9:05 P*
Trailer / Container Number Dropped E	3Y2 0 1	TB		Need By:
7005	may w			
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK
TANK TRAILER ROLL TAI	RP BOX	FRAC TANK	POLY TAN	K VACUUM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1/300/				
2				
3				
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.5	%) #12/ 3#2	#3 #4 #5
2 Quick Rinse		LEL (<10%)	#1 0 #2	#3#4#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 #2	#3#4#5
4 Hot Water Rinse		Toxic Vapor	#1 <u>0</u> #2	#3 #4 #5
5 Steam Only (Per Hour)		Signature:	<i>50</i>	
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse & Dry		Comments:		
9 Caustic Wash & Dry		_	in the second second	
10 Caustic Wash, Rinse & Dry				
11 Waste Water Surcharge		4		
12 Solvent Wash (Diesel # Hours)				
13 Solvent Wash (Stripper)		_		
14 Exterior Tractor Wash		3"11	oses 2	Frettings
15 Exterior Trailer Wash (w/o Internal)		-	7	
16 Exterior Trailer Wash (with Internal)		Authorized Addit	ional Services:	
17 Exterior Acid Brite Wash		Additionized Addit	Orial Services. —	
18 Hand Labor (# Men / # Hours)				
19 Hydroblaster (# Hours)20 Solvent Wash (Green Stripper)				
21 Passivation	 / 			
Hose Cleaning	2.0 -2 F.H.	(
Pump Cleaning		CES Environmental Serv	ices, Inc., Cleaning Division	, makes no guarantees with respect to the
Cleaned By:	Date 7-6-9	moisture. Final inspection of release CES Environmental from any allegations that CES Environmental S	the equipment remains the r Services, Inc., Cleaning Divi t the equipment was imprope	otal elimination of interior residues and/or esponsibility of the customer, and they hereby sion, from any responsibility for claims arising erfy cleaned, resulting in damage or loss.
Inspected By:	Date	Print Name:		
		Signature:		

Environmental Services

iner / Tank Cleaning Division

4 Griggs Rd. • Houston, TX 77021

Phone: (713) 676-1460 • Fax: (713) 676-1676

PO # Customer	Kirscher			Date: 7-7-09
Tractor Address:				Time: 5:30An
Trailer / Container Number Dropped	Ву:			Need By:
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK
TANK TRAILER ROLL TA	RP BOX	☐ FRAC TANK	POLY TAN	K VACUUM TRUC
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 SODIUM BIS.	JFITE .			
2				
3				
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.5	%) # Q 0, 0 F2	#3 #4 #5
2 Quick Rinse		LEL (<10%)	#1 <u>0</u> #2	
3 Cold Water Rinse		CO ² (<35 ppm)	#1 <u>0</u> #2	
4 Hot Water Rinse		Toxic Vapor	#1 <u>1</u> #2	#3 #4 #5
5 Steam Only (Per Hour)		Signature (
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry		Comments		
8 Detergent Wash, Rinse & Dry		Comments:	•	
9 Caustic Wash & Dry	/			
10 Caustic Wash, Rinse & Dry 11 Waste Water Surcharge				
12 Solvent Wash (Diesel # Hours)				
13 Solvent Wash (Stripper)				
14 Exterior Tractor Wash				
15 Exterior Trailer Wash (w/o Internal)				
16 Exterior Trailer Wash (with Internal)				
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:	
18 Hand Labor (# Men / # Hours)		1	·	
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green Stripper)				
21 Passivation				
Hose Cleaning	41			
Pump Cleaning		thoroughness of the tan moisture. Final inspection of release CES Environmental	c washing procedure or the t the equipment remains the r Services, Inc., Cleaning Divi	, makes no guarantees with respect to the total elimination of interior residues and/or responsibility of the customer, and they he siston, from any responsibility for claims and
Cleaned By:	Date 7-7-09	CES Environmental S damages	ervices, Inc., Cleaning Divisor losses of equipment and/o	erly cleaned, resulting in damage or loss. ion, is in no manner responsible for any or materials left in their yard.
Inspected By:	Date	Print Name:	or Mills	White 27-04
		Signature:	-)a.	Melling

CES Environmental Services Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676

PO #	Customer: Knco		Date	and the second second
				1-02-09
Tractor 2000	Address:		Tim	11; <i>00</i>
Trailer / Container Number	Dropped By:	٨	Nee	ed By:
	100064 KO	3 .		ASAP.
CONTAINER TYPE:	TOTE BIN ROLL DOOR BOX	☐ ISO CONTA	INER DR	Y BULK
	ROLL TARP BOX VACUUM BOX	☐ FRAC TANK	POLY TANK	☐ VACUUM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 NON HA	2 Filter Cake		350 01413	
2	-			
3			. :	
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY PERM	ИIT
1 Air Dry		Oxygen (19.5% -23.5%	#121 J#2 #3	#4 #5
2 Quick Rinse		LEL (<10%)	#1 ³ #2 #3_	#4#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 2 #2 #3	#4 #5
4 Hot Water Rinse		Toxic Vapor	#1 #2 #3_	#4 #5
5 Steam Only (Per Hour)		Signature:	フレーニー	555
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse 8	& Dry	Comments:		
9 Caustic Wash & Dry				
10 Caustic Wash, Rinse &	Dry			
11 Waste Water Surcharge	e //			
12 Solvent Wash (Diesel #	Hours)			
13 Solvent Wash (Stripper)			
14 Exterior Tractor Wash				
15 Exterior Trailer Wash (v	v/o internal)			
16 Exterior Trailer Wash (v	vith Internal)			
17 Exterior Acid Brite Was		Authorized Addition	onal Services:	
18 Hand Labor (# Men / #	Hours) / 3 ⁴⁴			
19 Hydroblaster (# Hours)			<u></u>	
20 Solvent Wash (Green S	Stripper)			
21 Passivation				
Hose Cleaning				
Pump Cleaning	<u> </u>	moisture. Final inspection of the release CES Environmental S	es, Inc., Cleaning Division, makes vashing procedure or the total elimi e equipment remains the responsib prvices, Inc., Cleaning Division, from the equipment was improperly clear	nation of interior residues and/or illity of the customer, and they hereb n any responsibility for claims arising
Cleaned By: 57	Date 1 2 - 9	CES Environmental Se	vices, Inc., Cleaning Division, is in losses of equipment and/or materia	no manner responsible for any
Inspected By:	Date	Print Name:		_ Date

Invironmental Services
Iner / Tank Cleaning Division
4 Griggs Rd. • Houston, TX 77021
Inone: (713) 676-1460 • Fax: (713) 676-1676

PO# Customet:	Date:
Tractor Address:	Time:
Trailer / Container Number Dropped By: Sugn Fris	Need By:
CONTAINER TYPE: TOTE BIN ROLL DOOR BOX	☐ ISO CONTAINER ☐ DRY BULK
TANK TRAILER ROLL TARP BOX VACUUM BOX	X
Compartment # Last Contained	Heel - Hazardous Heel - Non-Haz Drum / Rolloff
1 Sodium Hydroxide Solution	
2 208 Caush	
3	
4	
5	
CLEANING CODES WORK PERFORMED	TANK ENTRY PERMIT
1 Air Dry	Oxygen (19.5% -23.5%) #2 06 U #2 #3 #4 #5
2 Quick Rinse	LEL (<10%) #1 #2 #3 #4 #5
3 Cold Water Rinse	CO ² (<35 ppm) #1_ 4 #2 #3 #4 #5
4 Hot Water Rinse	Toxic Vapor #1#2#3#4#5
5 Steam Only (Per Hour)	Signature:
6 Steam & Dry	Stripper Usage:
7 Rinse, Steam & Dry	
8 Detergent Wash, Rinse & Dry	Comments:
9 Caustic Wash & Dry	
10 Caustic Wash, Rinse & Dry	
11 Waste Water Surcharge	
12 Solvent Wash (Diesel # Hours)	
13 Solvent Wash (Stripper)	
14 Exterior Tractor Wash	
15 Exterior Trailer Wash (w/o Internal)	
16 Exterior Trailer Wash (with Internal)	
17 Exterior Acid Brite Wash	Authorized Additional Services:
18 Hand Labor (# Men / # Hours)	
19 Hydroblaster (# Hours)	
20 Solvent Wash (Green Stripper)	
21 Passivation	
Hose Cleaning	
Pump Cleaning	CES Environmental Services, Inc., Cleaning Division, makes no guarantees with respect to the thoroughness of the tank washing procedure or the total elimination of interior residues and/or moisture. Final inspection of the equipment remains the responsibility of the customer, and they hereby release CES Environmental Services, Inc., Cleaning Division, from any responsibility for claims arising
Cleaned By: Date 6 - 26 - 0 '	from any allegations that the equipment was improperly cleaned, resulting in damage or loss.
Inspected By: Date	Print Name: Date 6/36/05
는 사람들은 사람들이 가장 하는 목지에 가장 그 일을 받는다. 사람들은 사람들은 사람들은 사람들이 사람들이 하는 것이 되었다.	Signature:

CES Environmental Services
Container / Tarik Cleaning Division
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Phone: (713) 676-1460 • Fax: (713) 676-1676

DO #	0							15	,		
PO#	Customer:	. 1	0 -					Date:	29	1,5	
-	KAIN	L	Row	·			· · · · · · · · · · · · · · · · · · ·	<i>V /</i>	.0 /	101	
Tractor	Address:							Time:	سنب		
		- <u> </u>	· · ·					16:			
Trailer / Container Number	Dropped By	M	100	20			·.	Need	Зу:		
27498		141	('0'	3					:		
CONTAINER TYPE:			ROLL DOOR		ISO CONTA			DRY			
TANK TRAILER	ROLL TAR	BOX	☐ VACUU	M BOX	☐ FRAC TANK		OLY TAN	<u> </u>	VAC	UUM TF	≀UCK
Compartment #	L	ast Con	tained		Heel - Hazardous	Heel -	Non-Haz		Drum /	Rolloff	
1 N/H 50.	25			-							
2				,				Ì			
3											
4											
5								<u> </u>			
CLEANING CODES		WOR	K PERFOR	MED		TANK	ENTRY	PERMIT		, .	
1 Air Dry					Oxygen (19.5% -23.59	%) #1	#2	#3	#4	#5	
2 Quick Rinse					LEL (<10%)	•	#2		- N		
3 Cold Water Rinse					CO ² (<35 ppm)		#2				
4 Hot Water Rinse					Toxic Vapor		#2	•			·
5 Steam Only (Per Hour)					Signature:				:	· · · · · · · · · · · · · · · · · · ·	
6 Steam & Dry		1			Stripper Usage:			•		****	
7 Rinse, Steam & Dry		/			1						
8 Detergent Wash, Rinse 8	3 Dry				Comments:						
9 Caustic Wash & Dry		7									
10 Caustic Wash, Rinse &	Dry	· ·			1	\mathcal{A}_{i_1}					
11 Waste Water Surcharge	, /				10	il					
12 Solvent Wash (Diesel #	Hours)				Jun a	V /					
13 Solvent Wash (Stripper)		/	***		V					
14 Exterior Tractor Wash			7				•	1			
15 Exterior Trailer Wash (w	/o Internal)	7									
16 Exterior Trailer Wash (v	vith Internal)				*			4			
17 Exterior Acid Brite Was	h				Authorized Addit	ional So	ervices:				
18 Hand Labor (# Men / #	Hours)										
19 Hydroblaster (# Hours)											
20 Solvent Wash (Green S	Stripper)										
21 Passivation											
Hose Cleaning					- 5:					•	
Pump Cleaning) L				CES Environmental Serv thoroughness of the tank	ices, Inc., Cl	saning Division, coedure or the t	makes no g	uarantees an of interi	with respect	to the
					moisture. Final inspection of the release CES Environmental states.	the equipme Services, Inc	nt remains the re Cleaning Divi	sponsibility sion, from an	of the cust y responsi	omer, and the	ney herei ms arisir
Cleaned By:	CP	Da	ate <u>6 - 3 (</u>	0-99	from any allegations that CES Environmental S	the equipmervices, Inc.,	ont was improper Cleaning Divisi	on, is in no m	resulting ir lanner res	damage or ponsible for a	1065.
	A				damages o	or losses of e	quipment and/o	r materials le	n in their y	/ard.	
Inspected By:		Da	ate		Print Name:				ate		

CES Environmental Services
Container / Tank Cleaning Division
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TANK WASH WORK ORDER

PO # Custom				Date:	
	Lain For Rent			6-30-0	9
Tractor Address	<u> </u>			Time:	
760	27/2 independent	e PKWY, Lo	1 Porte.TX	9.30	
Trailer / Container Number Dropped	d By:			Need By:	
254321 Cu	auntemoc Valdez	_			
CONTAINER TYPE: TOTE BIN		☐ ISO CONT	AINER [DRY BULK	
☐ TANK TRAILER ☐ ROLL T	**	TRAC TANK	POLY TAN	·	JM TRUCK
Compartment #	Last Contained	Heel - Hazardous		Drum / R	·····
1 Hydro test	Water lifeline				
2					
3					
4					
5					
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry		Oxygen (19.5% -23.59	%) #0 0.06#2	#3 #4	#5
2 Quick Rinse		LEL (<10%)	#1_0 #2	#3 #4	#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1#2	#3 #4	#5
4 Hot Water Rinse		Toxic Vapor	#1 _6 #2	#3 #4	#5
5 Steam Only (Per Hour)		Signature			
6 Steam & Dry		Stripper Usage:	1.7%		
7 Rinse, Steam & Dry	7	<u> </u>			
8 Detergent Wash, Rinse & Dry		Comments:			
9 Caustic Wash & Dry					
10 Caustic Wash, Rinse & Dry	/	4			
11 Waste Water Surcharge				N.	
12 Solvent Wash (Diesel # Hours)			• •		
13 Solvent Wash (Stripper)			to the state of th		
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (w/o Interna	(i)				
16 Exterior Trailer Wash (with Intern	al)				
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:		·
18 Hand Labor (# Men / # Hours)					
19 Hydroblaster (# Hours)				*	4
20 Solvent Wash (Green Stripper)					
21 Passivation					
Hose Cleaning					
Pump Cleaning		CES Environmental Serv thoroughness of the tank moisture. Final inspection of release CES Environmental from any allegations that	ices, Inc., Cleaning Division washing procedure or the t the equipment remains the r Services, Inc., Cleaning Divi	otal elimination of interior n	esidues and/or
Cleaned By:	Date) 1-09	CES Environmental S	rine equipment was impropi ervices, Inc., Cleaning Divisi or losses of equipment and/o	ion, is in no manner respon	sible for any
Inspected By:	Date	Print Name:	· · · · · · · · · · · · · · · · · · ·	Date	· · · · · · · · · · · · · · · · · · ·
		Signature:			

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				<u> </u>	T		
PO #	Customer:				Date:		
		ain for Reul	<i></i>			<u>- 30</u>	-05
Tractor 840	Address:				Time:		
Trailer / Container Number I	Dropped B	y:			Need By	:	
260729	Pat.	Martinez					
CONTAINER TYPE: TO	OTE BIN	ROLL DOOR BOX	☐ JS@ CONT	AINER [DRY BUI	.K	
☐ TANK TRAILER ☐	ROLL TAR	P BOX	FRAC TANK	POLY TAN	κ ロ \	/ACUUI	MTRUCK
Compartment #	l	ast Contained	Heel - Hazardous	Heel - Non-Haz		um / Ro	
1	4	udrotest water					
2							
3							
4					· ·		1.
5							
CLEANING CODES		WORK PERFORMED		TANK ENTRY I	PERMIT	······································	
1 Air Dry			Oxygen (19.5% -23.59	6) #2001#2	#3	#4	#5
2 Quick Rinse			LEL (<10%)		#3	#4	#5
3 Cold Water Rinse			CO ² (<35 ppm)	#1	#3	#4	_ #5
4 Hot Water Rinse	1		Toxic Vapor	, #1 <u>~</u> #2	#3	#4	_ #5
5 Steam Only (Per Hour)			Signature:	<u> </u>			
6 Steam & Dry			Stripper Usage:				
7 Rinse, Steam & Dry			1.				
8 Detergent Wash, Rinse &	Dry		Comments:				
9 Caustic Wash & Dry							
10 Caustic Wash, Rinse & D)ry						
11 Waste Water Surcharge							
12 Solvent Wash (Diesel # I	Hours)						
13 Solvent Wash (Stripper)							
14 Exterior Tractor Wash					*		
15 Exterior Trailer Wash (w/	o Internal)						
16 Exterior Trailer Wash (with	th Internal)						
17 Exterior Acid Brite Wash			Authorized Addit	ional Services:			,
18 Hand Labor (# Men / # H	lours)						
19 Hydroblaster (# Hours)							
20 Solvent Wash (Green St	ripper)					91	
21 Passivation	<u></u>						
Hose Cleaning							 _
Pump Cleaning			thoroughness of the tank moisture. Final inspection of t release CES Environmental	ices, Inc., Cleaning Division, washing procedure or the to the equipment remains the n Services, Inc., Cleaning Divi- the equipment was imprope	otal elimination of esponsibility of the sion, from any re-	f interior res le customer, sponsibility f	sidues and/or , and they hereby for claims arising
Cleaned By:	JR	Date 7-1-09	CES Environmental S	ervices, Inc., Cleaning Division losses of equipment and/o	on, is in no manr	ner responsi	
Inspected By:	·	Date	Print Name:		Dat	te	
			Signature:				

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PO# Cus	stomer: Rain for Pent			Date: 6-30-00	7
$-7/\Lambda$	dress: 2712 Mapandence P	kwy. Ja Po	(K.T)	Time:	
	opped By: Jachtemoc Valdez			Need By:	
CONTAINER TYPE: TOTAL	E BIN ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK	
☐ TANK TRAILER ☐ RO	OLL TARP BOX	FRAC TANK	POLY TAN	K 🔲 VACUUN	M TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Ro	lloff
1 Hydrotest 1	vuter				
2	With the state of				
3					
4' ·					
5					
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry		Oxygen (19.5% -23.59	6) #8 - 07 #2	#3 #4	#5
2 Quick Rinse		LEL (<10%)	#1_0_#2	#3#4 #3#4	#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 0 #2	#3#4	#5
4 Hot Water Rinse		Toxic Vapor		#3#4	#5
5 Steam Only (Per Hour)		Signature: <u></u> し	2		<u>.</u>
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry	7	1			
8 Detergent Wash, Rinse & Dry		Comments:			
9 Caustic Wash & Dry	Y				
10 Caustic Wash, Rinse & Dry	/				
11 Waste Water Surcharge		•			
12 Solvent Wash (Diesel # Hou	irs)				
13 Solvent Wash (Stripper)					
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (w/o Ir	iternal)				
16 Exterior Trailer Wash (with I	nternal)		· ·		
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:		
18 Hand Labor (# Men / # Hou	rs)		· · · · · · · · · · · · · · · · · · ·		
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green Stripp	er)				
21 Passivation					
Hose Cleaning					
Pump Cleaning		thoroughness of the tank moisture. Final inspection of release CES Environmental	washing procedure or the t the equipment remains the r Services, Inc., Cleaning Divi	, makes no guarantees with notal elimination of interior resi esponsibility of the customer, sion, from any responsibility forty cleaned, resulting in dame	dues and/or and they hereby or claims arising
Cleaned By:	CP Date 7-1-09	CES Environmental S	ervices, Inc., Cleaning Divisi	on, is in no manner responsit or materials left in their yard.	
Inspected By:	Date	Print Name:		Date	
		Signature:			· · · · · · · · · · · · · · · · · · ·

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Container / Tank Cleaning Division
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TANK WASH WORK ORDER

PO#	Customer:				Date:	
		Lain for Rent		and the second second	6-30-0	4
Tractor	Address:	TOI PETT		<u> </u>	Time:	
760		2712 Independen	co robus.	a parlo To	11 37	***
Trailer / Container Number	Dropped E	By:	C PILMY!	O TOTAL, O	Need By:	
055758	Ciri	intemoc Valdez				
CONTAINER TYPE: T	OTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK	
☐ TANK TRAILER ☐	ROLL TAF	RP BOX	FRAC TANK	POLY TAN	K 🔲 VACU	UM TRUCK
Compartment #		Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / I	Rolloff
1 Hydroles	+ wa	ler				
2						
3					* 1	
4						
5						
CLEANING CODES		WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry			Oxygen (19.5% -23.59	%) #p o 06#2	#3 #4	#5
2 Quick Rinse			LEL (<10%)			#5
3 Cold Water Rinse			CO ² (<35 ppm)	#1 <u>7</u> 7 #2	#3#4 #3#4	#5
4 Hot Water Rinse			Toxic Vapor	#1 #2	#3 #4	#5
5 Steam Only (Per Hour)			☐ Signature∠ ⊀			
6 Steam & Dry			Stripper Usage:			
7 Rinse, Steam & Dry						
8 Detergent Wash, Rinse &	Dry 🗸		Comments:			
9 Caustic Wash & Dry				**		
10 Caustic Wash, Rinse & I	Dry	<u> </u>				
11 Waste Water Surcharge			_	••		
12 Solvent Wash (Diesel #					se i	
13 Solvent Wash (Stripper)						
14 Exterior Tractor Wash						
15 Exterior Trailer Wash (w.	o Internal)					
16 Exterior Trailer Wash (w	th Internal)				1.0	
17 Exterior Acid Brite Wash			Authorized Addit	ional Services:		· .
18 Hand Labor (# Men / # H	lours)					· i,
19 Hydroblaster (# Hours)						***
20 Solvent Wash (Green St	ripper)					
21 Passivation						
Hose Cleaning					,	
Pump Cleaning		- 7	thoroughness of the tank moisture. Final inspection of release CES Environmental	ices, Inc., Cleaning Division, washing procedure or the to the equipment remains the n Services, Inc., Cleaning Divi the equipment was imprope	otal elimination of interior esponsibility of the custom sion, from any responsibili	residues and/or ner, and they hereby ity for claims arising
Cleaned By:		P Date 7-1-09	CÉS Environmental S damages d	ervices, Inc., Cleaning Divisi or losses of equipment and/o	on, is in no manner respo r materials left in their yar	nsible for any d.
Inspected By:	·	Date	Print Name:		Deta	
			i initiatile		Date	
		المرافق المرافق المرافق المرافق المرافق المرافق المرافق	Signature:			-

CES Environmental Services
Container / Tank Cleaning Division
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PO # Customer	zin for Rent			Date: 6-30-	09
Tractor 840 Address:				Time:	
Trailer / Container Number Dropped	By:			Need By:	
254298 Pai	Martiner			_	
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK	
☐ TANK TRAILER ☐ ROLL TA	RP BOX	FRAC TANK	POLY TAN	K 🔲 VACU	UM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum /	Rolloff
1 Hydrote	ST WOTER				
2					
3					-
4					
5					
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT	14
1 Air Dry		Oxygen (19.5% -23.5	%) #1/1.0 #2	#3#4	#5
2 Quick Rinse		LEL (<10%)	#1#2	#3#4	#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 #2	#3 #4	#5
4 Hot Water Rinse		Toxic Vapor	、#1 <u></u> #2	#3 #4	#5
5 Steam Only (Per Hour)		Signature:)		
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry				. 	
8 Detergent Wash, Rinse & Dry	/	Comments:			
9 Caustic Wash & Dry					
10 Caustic Wash, Rinse & Dry		4			
11 Waste Water Surcharge		4			
12 Solvent Wash (Diesel # Hours)		4			
13 Solvent Wash (Stripper)		_			
14 Exterior Tractor Wash		4			
15 Exterior Trailer Wash (w/o Internal)		4			
16 Exterior Trailer Wash (with Internal)	Authorized Addit	ional Services:	<u> </u>	
17 Exterior Acid Brite Wash			ional Services.		·
18 Hand Labor (# Men / # Hours)		-		· · · · · · · · · · · · · · · · · · ·	
19 Hydroblaster (# Hours)			<u> </u>		
20 Solvent Wash (Green Stripper) 21 Passivation					
Hose Cleaning		-			
Pump Cleaning		CES Environmental Serv	rices, Inc., Cleaning Division	, makes no guarantees w	ith respect to the
Cleaned By:	Date 0 30 9	moisture. Final inspection of release CES Environmental from any allegations that CES Environmental S	k washing procedure or the t the equipment remains the r Services, Inc., Cleaning Divis t the equipment was imprope ervices, Inc., Cleaning Divis or losses of equipment and/o	esponsibility of the custo ision, from any responsib- erly cleaned, resulting in ion, is in no manner respo-	mer, and they hereby lity for claims arising damage or loss.
Inspected By:	Date	Print Name:			
		Signature:			

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PO # Customer:	n for Rent			Date: 6-30	-09
Tractor Address:	•			Time:	
Trailer / Container Number Dropped By:				Need By:	
255395 Pa	T MaiTinez		•	•	
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	, 📮 ISO CONTA	AINER C	DRY BULK	
☐ TANK TRAILER ☐ ROLL TARP	<u></u>	FRAC TANK	POLY TAN		UUM TRUCK
Compartment # La	st Contained	Heel - Hazardous	Heel - Non-Haz	1	Rolloff
1 HydroTesT,	sater pipeline				
2	- popular				
3				1.0	
4					
5				100	
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry		Oxygen (19.5% -23.5%	6) #8 0,03#2	#3#4	#5
2 Quick Rinse		LEL (<10%)	#1_0#2	*	
3 Cold Water Rinse		CO ² (<35 ppm)	#1 <u>0</u> #2		
4 Hot Water Rinse		Toxic Vapor	/ #1_ #2	#3 #4	#5 <u></u>
5 Steam Only (Per Hour)		Signature: \(\lambda\)			
6 Steam & Dry	<i></i>	Stripper Usage:			
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse & Dry		Comments:			
9 Caustic Wash & Dry					
10 Caustic Wash, Rinse & Dry					
11 Waste Water Surcharge	· · ·				
12 Solvent Wash (Diesel # Hours)					
13 Solvent Wash (Stripper)		1	en e		
14 Exterior Tractor Wash			* - u		
15 Exterior Trailer Wash (w/o Internal)					
16 Exterior Trailer Wash (with Internal)					
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:		<u> </u>
18 Hand Labor (# Men / # Hours)			·		· .
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green Stripper)				7.5	
21 Passivation					· · · · · · · · · · · · · · · · · · ·
Hose Cleaning		050.5			
Pump Cleaning		thoroughness of the tank moisture. Final inspection of t release CES Environmental	ices, Inc., Cleaning Division, washing procedure or the to the equipment remains the n Services, Inc., Cleaning Divi the equipment was imprope	otal elimination of interi esponsibility of the cust sion, from any responsi	or residues and/or omer, and they hereby bility for claims arising
Cleaned By:	Date 7-1-09	CES Environmental So damages o	ervices, Inc., Cleaning Divisi r losses of equipment and/o	on, is in no manner res r materials left in their y	ponsible for any vard.
Inspected By:	Date	Print Name:		Date	
		Signature:			

CES Environmental Services Container / Tank Cleaning Division

TANK WASH WORK ORDER

		grande and the same of the sam	. *		
PO # Cus	stomer: Sludge	1 Carp			Date 7 01 09
Tractor Ado	lress:	* *			Time:
Trailer / Container Number Dro	pped By:	and h	Wille.	/	Need By:
CONTAINER TYPE: TOTE		ROLL DOOR BOX	☐ ISO CONT		DRY BULK
LI TANKTRAILER LI RO	OLL TARP BOX	☐ VACUUM BOX	FRAC TANK	POLY TANK	☐ VACUUM TRUCK
Compartment #	Last Cor	ntained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
11- 6/1/2 Pup	· O				
2	1				
3					
4					
5			1		
CLEANING CODES	WOF	RK PERFORMED		TANK ENTRY P	ERMIT
1 Air Dry			Oxygen (19.5% -23.5	%) #1 #2	#3#4#5
2 Quick Rinse			LEL (<10%)	#1 #2	#3#4#5
3 Cold Water Rinse			CO ² (<35 ppm)	#1 #2	#3#4#5
4 Hot Water Rinse			Toxic Vapor		#3#4#5
5 Steam Only (Per Hour)			Signature:		- Company
6 Steam & Dry			Stripper Usage:		
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse & Dry			Comments:		
9 Caustic Wash & Dry					
10 Caustic Wash, Rinse & Dry					
11 Waste Water Surcharge					
12 Solvent Wash (Diesel # Hou	rs)	· · · · · · · · · · · · · · · · · · ·			
13 Solvent Wash (Stripper)					
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (w/o In	ternal)				
16 Exterior Trailer Wash (with Ir					
17 Exterior Acid Brite Wash		 	Authorized Addit	ional Services:	
18 Hand Labor (# Men / # Hour	's)			<u>. </u>	<u> </u>
19 Hydroblaster (# Hours)	,				
20 Solvent Wash (Green Stripp	er)				
21 Passivation	· · ·				
Hose Cleaning					
Pump Cleaning	 		CES Environmental Serv	rices, Inc., Cleaning Division,	nakes no guarantees with respect to the
			moisture Final inspection of	the equipment remains the re-	al elimination of interior residues and/or ponsibility of the customer, and they here
Cleaned By:	JR. D	ate7- 4-09	CES Environmental S	t the equipment was improper	on, from any responsibility for claims arisi y cleaned, resulting in damage or loss. n, is in no manner responsible for any materials left in their yard
		ate	Canagos	, , , , , , , , , , , , , , , , , , , 	The state of the s
Inspected By:	D	ale	Print Name:		Date

CES Environmental Services
Container / Tank Cleaning Division
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Phone: (713) 676-1460 • Fax: (713) 676-1676

70.4					In .
PO #	Customer:	2 light	House		Date:
Tractor	Address:				Time: /1.0
	Dropped By:			*.	Need By:
21 - 1 - 1					ASA)
CONTAINER TYPE:	OTE BIN	ROLL DOOR BOX	ISO CONT	AINER [DRY BULK
TANK TRAILER	ROLL TARP BOX	VACUUM BOX	☐ FRAC TANK	POLY TAN	✓ □ VACUUM TRUCK
Compartment #	Last (Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 No long					
2					
3 Dilimites				-	
4 miliulia					
5					
CLEANING CODES	W	ORK PERFORMED		TANK ENTRY	PERMIT,/
1 Air Dry		· · · · · · · · · · · · · · · · · · ·	Oxygen (19.5% -23.5	%) #12 V #2 F	#8 #40 #5
2 Quick Rinse			LEL (<10%)	#1 #2 #2	#30 #40 #5
3 Cold Water Rinse			CO ² (<35 ppm)	#1 <u>U</u> #2 <u>#</u>	#3 #4 0 #5
4 Hot Water Rinse			Toxic Vapor	#1 #2	#3 #4 / #5
5 Steam Only (Per Hour)			Signature:		
6 Steam & Dry			Stripper Usage:	· · · · · · · · · · · · · · · · · · ·	*
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse &	Dry		Comments:		
9 Caustic Wash & Dry					
10 Caustic Wash, Rinse &	Dry				
11 Waste Water Surcharge					
12 Solvent Wash (Diesel #	Hours)				
13 Solvent Wash (Stripper)					
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (w	/o Internal)				
16 Exterior Trailer Wash (w	ith Internal)	*************************************			
17 Exterior Acid Brite Wash	n'i i		Authorized Addit	ional Services:	
18 Hand Labor (# Men / # I	Hours)				
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green S	tripper)				
21 Passivation					
Hose Cleaning					
Pump Cleaning			thoroughness of the tank	washing procedure or the to	makes no guarantees with respect to the stal elimination of interior residues and/or
Cleaned By:		Date 7	moisture. Final inspection of release CES Environmental from any allegations that	the equipment remains the re Services, Inc., Cleaning Divis the equipment was imprope	sponsibility of the customer, and they hereby sion, from any responsibility for claims arising rly cleaned, resulting in damage or loss. on, is in no manner responsible for any
Jiodilod Dji			damages	or losses of equipment and/o	materials left in their yard.
Inspected By:		Date	Print Name:		Date
			Signature:		

CES-Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO # Custo	· · · · · · · · · · · · · · · · · · ·			Date:
	eam leans.		OE	173/07
Tractor Addre	ss:			Time:
Trailer / Container Number Dropp	ed By:			Need By:
500 W	Mum toch			,
CONTAINER TYPE: TOTE B		☐ ISO CONT	AINER [DRY BULK
TANK TRAILER ROLL	TARP BOX	☐ FRAC TANK	POLY TAN	K VACUUM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 Tray Folial				
2				
3		·		ers.
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.59	%) # \$0 .9 #2	#3#4#5
2 Quick Rinse		LEL (<10%)	#1(/_ #2	#3#4#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 #2	#3 #4 #5
4 Hot Water Rinse		Toxic Vapor	#1 #2	_ #3 #4 #5
5 Steam Only (Per Hour)		Signature:		
6 Steam & Dry		Stripper Usage:	A-	
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse & Dry		Comments:		
9 Caustic Wash & Dry				
10 Caustic Wash, Rinse & Dry				
11 Waste Water Surcharge				
12 Solvent Wash (Diesel # Hours)				
13 Solvent Wash (Stripper)				
14 Exterior Tractor Wash				
15 Exterior Trailer Wash (w/o Inter	nal)			
16 Exterior Trailer Wash (with Inte	rnal)			
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:	
18 Hand Labor (# Men / # Hours)				
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green Stripper)	l l			
21 Passivation				
Hose Cleaning				
Pump Cleaning		thoroughness of the tank moisture. Final inspection of release CES Environmental	k washing procedure or the to the equipment remains the n Services, Inc., Cleaning Divi	makes no guarantees with respect to the otal elimination of interior residues and/or esponsibility of the customer, and they hereby sion, from any responsibility for claims ansing any cleaned, resulting in damage or loss.
Cleaned By:	Date 6 - 25 - 09	CES Environmental S		on, is in no manner responsible for any
Inspected By:	Date	Print Name:		Date
	i provincija i pro	Signature:	<u> </u>	

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO # Customer:				Date:
				6/29/09
Tractor Address:	<u> </u>			Time:
Address.)
Trailer / Container Number Dues and F				16:30
Trailer / Container Number Dropped E	grald Hudos	I		Need By:
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	ISO CONT	AINER [DRY BULK
TANK TRAILER ROLL TAI	RP BOX	☐ FRAC TANK	POLY TANK	VACUUM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 Choline Christ				
2				
3				
4				· · · · · · · · · · · · · · · · · · ·
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.5%		#3#4#5
2 Quick Rinse		LEL (<10%)	#1 <u>~</u> #2	#3#5 #3#4#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1#2-	
4 Hot Water Rinse		Toxic Vapor	#1 #2	#3#4#5
5 Steam Only (Per Hour)		Signature: 🔑	· H	
6 Steam & Dry		Stripper Usage:	· · · · · · · · · · · · · · · · · · ·	
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse & Dry		Comments:		
9 Caustic Wash & Dry				
10 Caustic Wash, Rinse & Dry				
11 Waste Water Surcharge				
12 Solvent Wash (Diesel # Hours)				
13 Solvent Wash (Stripper)				
14 Exterior Tractor Wash		1 (1-64)	ns /	
15 Exterior Trailer Wash (w/o Internal)			1/	
16 Exterior Trailer Wash (with Internal)		1		
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:	
18 Hand Labor (# Men / # Hours)				
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green Stripper)				
21 Passivation				
Hose Cleaning hcha				
Pump Cleaning		thoroughness of the tank	washing procedure or the to	makes no guarantees with respect to the tall elimination of interior residues and/or
	1060	moisture. Final inspection of t release CES Environmental	he equipment remains the re Services, Inc., Cleaning Divis	sponsibility of the customer, and they herek sion, from any responsibility for claims arisin rly cleaned, resulting in damage or loss.
Cleaned By:	Date 6 25 9		ervices, Inc., Cleaning Division losses of equipment and/or	on, is in no manner responsible for any r materials left in their yard.
Inspected By:	Date	Print Name:		Date
		Signature:		

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

DO #		, and the second		 			
PO#	ustomer:	And the second second			Date:		
	Tour	<u> </u>	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	V 3011		
Tractor	ddress:				Time:		
	<u> </u>				13:5 /		
Trailer / Container Number D	repped By:				Need By:		
	10176			·			
CONTAINER TYPE: TO	TE BIN 🔲 I	ROLL DOOR BOX	_ 🔲 ISO CONT		DRY BULK		
TANK TRAILER F	ROLL TARP BOX	☐ VACUUM BOX	☐ FRAC TANK	POLY TAN	K VACUUM TRUCK		
Compartment #	Last Con	tained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff		
1 Pricon Com							
2	·						
3							
4							
5							
CLEANING CODES	WOR	K PERFORMED		TANK ENTRY I	PERMIT		
1 Air Dry		•	Oxygen (19.5% -23.59	%) #PI-0 #2	#3 <u></u> #4#5		
2 Quick Rinse			LEL (<10%)	#1 0 #2	#3#4#5		
3 Cold Water Rinse			CO ² (<35 ppm)	#1 <u> </u>	#3#4#5		
4 Hot Water Rinse			Toxic Vapor	#1_0#2	#3 #4 #5		
5 Steam Only (Per Hour)		7	Signature:	JE			
6 Steam & Dry			Stripper Usage:		to the second se		
7 Rinse, Steam & Dry				**			
8 Detergent Wash, Rinse & D)ry	/	Comments:				
9 Caustic Wash & Dry			7 6	ock.			
10 Caustic Wash, Rinse & Dry	у				1		
11 Waste Water Surcharge			\exists $\omega = \omega = \omega = 0$				
12 Solvent Wash (Diesel # Ho	ours)			non			
13 Solvent Wash (Stripper)				ing y			
14 Exterior Tractor Wash				Q 2.	u		
15 Exterior Trailer Wash (w/o	Internal)			ling			
16 Exterior Trailer Wash (with	Internal)			0			
17 Exterior Acid Brite Wash			Authorized Addit	ional Services:			
18 Hand Labor (# Men / # Ho	urs)						
19 Hydroblaster (# Hours)							
20 Solvent Wash (Green Strip	oper)						
21 Passivation							
Hose Cleaning (1)	· 3"						
Pump Cleaning			thoroughness of the tank	washing procedure or the to	makes no guarantees with respect to the otal elimination of interior residues and/or		
		, 20 a	release CES Environmental	Services, Inc., Cleaning Divis	esponsibility of the customer, and they hereby sion, from any responsibility for claims arising orly cleaned, resulting in damage or loss.		
Cleaned By:	Da	nte 6-30-9	CES Environmental S	ervices, Inc., Cleaning Divisi	on, is in no manner responsible for any		
			damages o	or losses of equipment and/o	r materials left in their yard.		
Inspected By:	Da	ate	Print Name:		Date		
	$\mu_{i,j} = 0 \text{and} \mu_{i,j} = 0$		Signature:				

CES Environmental Services
Container / Tank Cleaning Division
4904 Grogs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO # Custon	Date: [26]	09			
Tractor 206 Address	Time: //.4	CHN			
Trailer / Container Number Droppe	Need By:	44			
CONTAINER TYPE: TOTE BI		☐ ISO CONTA	AINER C	DRY BULK	
☐ TANK TRAILER ☐ ROLL	TARP BOX	☐ FRAC TANK	POLY TAN	K U VACU	UM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / F	Rolloff
1	Oi(
2					
3					
4					·
5	DIC				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry		Oxygen (19.5% -23.5%	%) #PO-1 #2	#3#4	#5
2 Quick Rinse '		LEL (<10%)	#1 <u>0</u> #2	#3#4	#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 #2	#3#4	#5
4 Hot Water Rinse		Toxic Vapor	#1>#2	#3 #4	#5
5 Steam Only (Per Hour)		Signature:	Tu		
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse & Dry		Comments:	. ,		2 4 6
9 Caustic Wash & Dry		1.115	# only	bus	4
10 Caustic Wash, Rinse & Dry			100.7		
11 Waste Water Surcharge		7 ,			
12 Solvent Wash (Diesel # Hours)		7 //			
13 Solvent Wash (Stripper)		7			
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (w/o Interr	nal)				
16 Exterior Trailer Wash (with Inter	nal)			<u> </u>	
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:		
18 Hand Labor (# Men / # Hours)					:
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green Stripper)					
21 Passivation					
Hose Cleaning					
Pump Cleaning		CES Environmental Serv thoroughness of the tank moisture. Final inspection of release CES Environmental	ices, Inc., Cleaning Division, washing procedure or the to the equipment remains the re-	otal elimination of interior esponsibility of the custon	residues and/or ner, and they hereby
Cleaned By:	Date 6 28 9	from any allegations that CES Environmental S	the equipment was imprope ervices, Inc., Cleaning Divisi Losses of equipment and/o	orly cleaned, resulting in d on, is in no manner respo	lamage or loss.
Inspected By:	Date	Print Name: 12	TE LE ELW.	1 1 Date 6	126/27
		Signature:	Lem /		

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO # Cu	ustomer:		••••••••••••••••••••••••••••••••••••••	Date:	1
The state of the s	ddress:			Time:	
200			· · · · · · · · · · · · · · · · · · ·		
Trailer / Container Number Dr	ropped By: TETEL SEKNA			Need By:	
CONTAINER TYPE: TOT	TE BIN ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK	,
TANK TRAILER DR	ROLL TARP BOX	☐ FRAC TANK	POLY TAN	K 🔲 VACU	UM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum /	Rolloff
1ALFMITE					
2				-	
3 Tive 1					
4					
5 Audi furza					
CLEANING CODES	WORK PERFORMED		TANK ENTRY I	PERMIT	
1 Air Dry		Oxygen (19.5% -23.5	%) #1 <u>* +2</u> #2	#3#4	#5
2 Quick Rinse		LEL (<10%)	#1 #2	No.	#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 <u> </u>	#3#4	#5
4 Hot Water Rinse		Toxic Vapor	J#1 #2	_ #3 #4	#5
5 Steam Only (Per Hour)		Signature: 8	<i>†1</i>	· · · · · · · · · · · · · · · · · · ·	
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry			· ·		
8 Detergent Wash, Rinse & Di	ry /	Comments:			
9 Caustic Wash & Dry					e - 6
10 Caustic Wash, Rinse & Dry	y /				
11 Waste Water Surcharge					
12 Solvent Wash (Diesel # Ho	ours)				
13 Solvent Wash (Stripper)	<u> </u>				
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (w/o		_			
16 Exterior Trailer Wash (with	Internal)	Avido di cod Addia	lanal Candaaa	·	· · · · · · · · · · · · · · · · · · ·
17 Exterior Acid Brite Wash		Authorized Addit	ionai Services: —		
18 Hand Labor (# Men / # Hou	urs)				
19 Hydroblaster (# Hours)			· · · · · · · · · · · · · · · · · · ·	<u> i </u>	
20 Solvent Wash (Green Strip	oper)			1	
21 Passivation					
Hose Cleaning		CFS Environmental Serv	ices, Inc., Cleaning Division,	makes no quarentees w	ith respect to the
Pump Cleaning Cleaned By: B-H-JL	Date 6.299	thoroughness of the tand moisture. Final inspection of release CES Environmental from any allegations that	c washing procedure or the to the equipment remains the re	otal elimination of interior esponsibility of the custor sion, from any responsibility cleaned, resulting in	residues and/or ner, and they hereb lity for claims arisin tamage or loss.
Cidation by.	- Vale	damages (vices of equipment and/o	r materials left in their ya	rd.
Inspected By:	Date	Print Name:	TETER CH	Date b	129/09
		Signature:	/Len		

CES Environmental Services
Contains Tank Beaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PÓ#	Çustomer: _		1119 4	unico		Date:	1/2/	09
Tractor 2 1/	Address:		1110 11	THE		Time:		
Tractor 206			33104	1/cest		1/2	249	pr
Trailer / Container Number	Dropped By:		1781	ERNA TR		Need By:	10/1	41/
CONTAINER TYPE: 1	TOTE BIN	☐ ROLL	DOOR BOX	☐ ISO CONT	AINER [DRY BUL	K	1 2 3 3 3
☐ TANK TRAILER ☐	ROLL TARP	вох 🔲 у	ACUUM BOX	☐ FRAC TANK	POLY TAN	κ 🔲 ν	ACUUN	I TRUCK
Compartment #	La	st Contain	ed	Heel - Hazardous	Heel - Non-Haz	Dru	ım / Ro	lloff
1		Mil	7	:				
2						<u> </u>		12
3	3		-			1		
4					· · · · · · · · · · · · · · · · · · ·			800.
5		111						
CLEANING CODES	-30	WORK PE	RFORMED		TANK ENTRY	PERMIT	*	
1 Air Dry		``	1,00,00	Oxygen (19.5% -23.59	6) 12 0 112	#3	#4	#5
2 Quick Rinse				LEL (<10%)	#1 0 #2	#3	#4	#5
3 Cold Water Rinse		- Andrews		CO ² (<35 ppm)	#1#2	#3	#4	#5
4 Hot Water Rinse				Toxic Vapor	#1.2 #2	#3	#4	#5
5 Steam Only (Per Hour)				Signature:	1°C			·
6 Steam & Dry			•	Stripper Usage:				
7 Rinse, Steam & Dry		100					**************************************	
8 Detergent Wash, Rinse &	k Dry			Comments:	last lo		./ .	
9 Caustic Wash & Dry				7	1.01 /	11		
10 Caustic Wash, Rinse &	Dry			1 ///	ASH (U	upn		
11 Waste Water Surcharge	/			$I = \mathscr{V}$			2	
12 Solvent Wash (Diesel #	Hours)				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
13 Solvent Wash (Stripper)		a .			Pa	11.01	4 - 2 -	
14 Exterior Tractor Wash	and the second] / .	5 000	49		
15 Exterior Trailer Wash (w	ı/o Internal)				~	- /		
16 Exterior Trailer Wash (w	vith Internal)							•
17 Exterior Acid Brite Wasl	h			Authorized Addit	ional Services:	7		
18 Hand Labor (# Men / #	Hours)	;8					1	
19 Hydroblaster (# Hours)	The state of the s							
20 Solvent Wash (Green S	tripper)							
21 Passivation								
Hose Cleaning								
Pump Cleaning				thoroughness of the tank	ices, Inc., Cleaning Division washing procedure or the t	otal alimination of	interior regi	dues and/or
			_	moisture. Final inspection of release CES Environmental	Services, Inc., Cleaning Divi	ision, from any rea	ponsibility t	or claims arising
Cleaned By:	· · · · · · · · · · · · · · · · · · ·	Date	7-8-9	CES Environmental S	the equipment was improper strices, Inc., Cleaning Divis	ion, is in no mann	er responsit	
					r losses of equipment and/o			//_
Inspected By:		Date		Print Name:	1818A JU	W/f Dat	e 7/7	109
								
				Signature:	. 7	fo.	IKi	

CES Environmental Services

TANK WASH WORK ORDER

Container / Tank Steaning Division 4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676

1 Holle. (713) 070-1400 - 1 ax. (713)	The second secon				
PO # Customer		<i>*</i>		Date:	^ 0
	c Hurt Co			7-7-(<u> </u>
Tractor Address: 331	O Alice Housto	4 IX 7	7021	Time: 1:45	<i>-</i>
Trailer / Container Number Dropped				Need By:	
109	Bennie Dorse	Υ		Meyl a	day
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	_ ISO CONT	AINER -	DITT BOLK	
TANK TRAILER ROLL TA	ARP BOX	FRAC TANK	POLY TANK	< ☐ VACU	UM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / F	?olloff
1 Antifracza					
2					
3					
4					
5 AntifreeZe					
CLEANING CODES	WORK PERFORMED		TANK ENTRY F	PERMIT	
1 Air Dry		Oxygen (19.5% -23.5	%) #1 <u>01. 42</u>	#3#4	#5
2 Quick Rinse		LEL (<10%)	#1 #2	#3#4	#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 #2	_ #3 #4	#5
4 Hot Water Rinse		Toxic Vapor	√1 ^{‡1}	_ #3 #4	#5
5 Steam Only (Per Hour)		Signature:	JE	<u> </u>	
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse & Dry		Comments:	nd five		
9 Caustic Wash & Dry			., •		
10 Caustic Wash, Rinse & Dry					
11 Waste Water Surcharge]	•		
12 Solvent Wash (Diesel # Hours)					
13 Solvent Wash (Stripper)				.	
14 Exterior Tractor Wash			•		
15 Exterior Trailer Wash (w/o Internal)					
16 Exterior Trailer Wash (with Internal)				
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:	1 4	
18 Hand Labor (# Men / # Hours)					
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green Stripper)					
21 Passivation					
Hose Cleaning					
Pump Cleaning		thoroughness of the tank	ices, Inc., Cleaning Division, c washing procedure or the to	stal elimination of interior	residues and/or
Cleaned By:	Date 9 _ 9	release CES Environmental from any allegations that CES Environmental S	the equipment remains the re Services, Inc., Cleaning Divisi the equipment was imprope ervices, Inc., Cleaning Division or losses of equipment and/or	sion, from any responsibili rly cleaned, resulting in d on, is in no manner respo	ity for claims arisin amage or loss. nsible for any
Inspected By:	Date	Print Name:		······································	······································
		· mandi		Date	
		Signature:			

TANK WASH WORK ORDER **CES Environmental Services** Container / Tank Cleaning Division 4904 Griggs Rd. . Houston, TX 77021 24618 Phone: (713) 676-1460 • Fax: (713) 676-1676 PO# Customer: Time: Tractor Address: 895 Trailer / Container Number | Dropped By: 020 ☐ ISO CONTAINER CONTAINER TYPE: TOTE BIN DRY BULK ROLL DOOR BOX ROLL TARP BOX ☐ YACUUM BOX ☐ VACUUM TRUCK TANK TRAILER ☐ FRAC TANK POLY TANK Compartment # Last Contained Heel - Hazardous | Heel - Non-Haz Drum / Rolloff 1 Ex-mon **CLEANING CODES WORK PERFORMED** TANK ENTRY PERMIT Oxygen (19.5% -23.5%) #1 / #2 #3 1 Air Dry 2 Quick Rinse LEL (<10%) #1____ #2____ #3_____ CO² (<35 ppm) #1<u>/2</u> #2____ #3___ #4____ 3 Cold Water Rinse **Toxic Vapor** #1____ #2____ #3_____ #4___ Hot Water Rinse Signature: 5 Steam Only (Per Hour) Stripper Usage: 6 Steam & Dry 7 Rinse, Steam & Dry Comments: 8 Detergent Wash, Rinse & Dry 9 Caustic Wash & Dry 10 Caustic Wash, Rinse & Dry 11 Waste Water Surcharge 12 Solvent Wash (Diesel # Hours) 13 Solvent Wash (Stripper) 14 Exterior Tractor Wash 15 Exterior Trailer Wash (w/o Internal) 16 Exterior Trailer Wash (with Internal) **Authorized Additional Services:** 17 Exterior Acid Brite Wash 18 Hand Labor (# Men / # Hours) 19 Hydroblaster (# Hours) 20 Solvent Wash (Green Stripper) 21 Passivation Hose Cleaning CES Environmental Services, Inc., Cleaning Division, makes no guarantees with respect to the thoroughness of the tank washing procedure or the total elimination of interior residues and/or moisture. Final inspection of the equipment remains the responsibility of the customer, and they hereby release CES Environmental Services, Inc., Cleaning Division, from any responsibility, for claims arising from any allegations that the equipment was improperly cleaned, resulting in damage or loss. **Pump Cleaning** Date 0 0 4 9 CES Environmental Services, Inc., Cleaning Division, is in no manner responsible for any damages or losses of equipment and/or materials left in their yard. Inspected By: Date Print Name: Signature:_

CES Environmental Services

TANK WASH WORK ORDER

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676

			<u> </u>	<u> </u>	
PO #	Customer:				Date:
		DOP			6 25.01
Tractor	Address:	A A A			6-2 5 -01 Time: 1:45 pm
889	1603	Dezavala c	-hanneling		
Trailer / Container Number	Dropped B	by:			Need By:
3009		Soth Newby			
CONTAINER TYPE:	TOTE BIN	ROLL DOOR BOX	ISO CONT	AINER [
☐ TANK TRAILER [ROLL TAP	RP BOX	☐ FRAC TANK	POLY TAN	K 🔲 VACUUM TRUCK
Compartment #	· ·.	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1					
2					
3					
4					
5					¥'
CLEANING CODES		WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry			Oxygen (19.5% -23.5	%) #1	#3 #4 #5
2 Quick Rinse			LEL (<10%)	#1 7 #2	#3#4#5
3 Cold Water Rinse			CO ² (<35 ppm)	#1 #2	#3#4#5
4 Hot Water Rinse			Toxic Vapor	_#1 <u></u> #2	#3 #4 #5
5 Steam Only (Per Hour)	· · · ·		Signature:	8.7	
6 Steam & Dry			Stripper Usage:		
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse	& Dry		Comments:		
9 Caustic Wash & Dry					~ ;"
10 Caustic Wash, Rinse &	Dry				The state of the s
11 Waste Water Surcharg	е		<u> </u>		
12 Solvent Wash (Diesel	# Hours)				
13 Solvent Wash (Strippe	r)				
14 Exterior Tractor Wash	<u> </u>				
15 Exterior Trailer Wash (· · ·		
16 Exterior Trailer Wash (with Internal)				
17 Exterior Acid Brite Was			Authorized Addit	ional Services:	
18 Hand Labor (# Men / #				· · · · · · · · · · · · · · · · · · ·	
19 Hydroblaster (# Hours)	<u></u>				
20 Solvent Wash (Green	Stripper)				
21 Passivation					
Hose Cleaning		•	CEC Engineering Con	ione Inc. Classing Disision	, makes no guarantees with respect to the
Pump Cleaning	n A	Date 6 25 9.	thoroughness of the tan moisture. Final inspection of release CES Environmental from any allegations tha	k washing procedure or the t the equipment remains the r Services, Inc., Cleaning Divi t the equipment was improp	otal elimination of interior residues and/or esponsibility of the customer, and they here ision, from any responsibility for claims arisir erly cleaned, resulting in damage or loss.
Cleaned By:	* · · · ·	Date		ervices, Inc., Cleaning Division losses of equipment and/o	ion, is in no manner responsible for any or materials left in their yard.
Inspected By:		Date	Print Name:	oth Nowth	Date_ <i>[a_25-6]</i>
			Signature:	4hos	

iner / Tank Cleaning Division

Griggs Rd. • Houston, TX 77021

hone: (713) 676-1460 • Fax: (713) 676-1676

PO # Customer:				Date:
	POV			6-25-09
Tractor Address:				Time:
Trailer / Container Number Dropped B	"Mark Morgo	~		Need By:
	<u> </u>	D :== ===		
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	ISO CONT		DRY BULK
TANK TRAILER ROLL TAN Compartment # \	P BOX VACUUM BOX Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 KOVOSENE				
3			· 466_	
4	-			
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY F	LPERMIT
1 Air Dry	WORK FERFORMED	10 40 50 50		
2 Quick Rinse		The state of the s		449 ON 1 #RO HO! #5
3 Cold Water Rinse	<u> </u>	LEL (<10%) CO ² (<35 ppm)	-	#3 0 #4 0 #5
4 Hot Water Rinse		Toxic Vapor		#3 g #4 0 #5 #3 0 #4 0 #5
		Signature:	") "S	- " - T
5 Steam Only (Per Hour) 6 Steam & Dry		Stripper Usage:		
· · · · · · · · · · · · · · · · · · ·	<i>f</i>			
7 Rinse, Steam & Dry 8 Detergent Wash, Rinse & Dry		Comments:		
9 Caustic Wash & Dry				
		-		
10 Caustic Wash, Rinse & Dry 11 Waste Water Surcharge		-		
12 Solvent Wash (Diesel # Hours)				
		-		
13 Solvent Wash (Stripper)		+		
14 Exterior Tractor Wash				
15 Exterior Trailer Wash (w/o Internal)			•	
16 Exterior Trailer Wash (with Internal)	· · · · · · · · · · · · · · · · · · ·	Authorized Addit	ional Services:	
17 Exterior Acid Brite Wash	· · · · · · · · · · · · · · · · · · ·	- Additionized Addit	— —	
18 Hand Labor (# Men / # Hours)				
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green Stripper)		1.		
21 Passivation				
Hose Cleaning		CES Environmental Serv	ices, Inc., Cleaning Division	makes no guarantees with respect to the
Pump Cleaning		thoroughness of the tank moisture. Final inspection of release CES Environmental	washing procedure or the to the equipment remains the re Services, Inc., Cleaning Divis	tal elimination of interior residues and/or sponsibility of the customer, and they hereby ion, from any responsibility for claims arising fly cleaned, resulting in damage or loss.
Cleaned By:	Date 6-25-09	CES Environmental S		on, is in no manner responsible for any
Inspected By:	Date	Drint Manna		Date
		Print Name:		Date
		Signature:		
	And the second s	Jigi latale		

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904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676

PO#	Customer:	To the state of t			Date: /	
	Tidepor	•			10/25/09	,
Tractor /	Address:				Time:	
995						
Trailer / Container Number	Dropped By:				Need By:	
1047	Dioppod Dy.	Mark D. T	Torgan		ASNP	
CONTAINER TYPE:	TOTE DIN	ROLL DOOR BOX	ISO CONT	AINED [DRY BULK	
	ROLL TARP BO		FRAC TANK	POLY TAN		SIICK
Compartment #		Contained	Heel - Hazardous		Drum / Rolloff	
1544	TP-1					
2	J 1 0.					
3	<u> </u>					
4		· · · · · · · · · · · · · · · · · · ·				
5					,	
CLEANING CODES		WORK PERFORMED		TANK ENTRY	DEDMIT	
1 Air Dry	T	WORK FEIT OF WILD	O (40.50), 00.5			
2 Quick Rinse		· · · · · · · · · · · · · · · · · · ·	Oxygen (19.5% -23.5 LEL (<10%)	%) # <i>}\$\&\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>	#3#4#5_ #3#4#5_	
3 Cold Water Rinse			CO ² (<35 ppm)	#1#2	_ #3 #4 #5_	
4 Hot Water Rinse			Toxic Vapor	#1#2	#3 #4 #5	
5 Steam Only (Per Hour)			Signature:	7 -		
6 Steam & Dry			Stripper Usage:		3	
7 Rinse, Steam & Dry	/					
8 Detergent Wash, Rinse 8	B Dry	<u> </u>	Comments:			
9 Caustic Wash & Dry						
10 Caustic Wash, Rinse &	Dry					
11 Waste Water Surcharge	<u> </u>					
12 Solvent Wash (Diesel #	Hours)	·				
13 Solvent Wash (Stripper)) •					
14 Exterior Tractor Wash						
15 Exterior Trailer Wash (w	v/o Internal)					
16 Exterior Trailer Wash (w	vith Internal)					
17 Exterior Acid Brite Was	h		Authorized Addit	ional Services:		
18 Hand Labor (# Men / #	Hours)					
19 Hydroblaster (# Hours)						
20 Solvent Wash (Green S	Stripper)					
21 Passivation						
Hose Cleaning						
Pump Cleaning			CES Environmental Servitoroughness of the tank	ices, Inc., Cleaning Division, washing procedure or the t	makes no guarantees with respect otal elimination of interior residues a	to the
			moisture. Final inspection of release CES Environmental	the equipment remains the re Services, Inc., Cleaning Divi	esponsibility of the customer, and the sion, from any responsibility for claim	ney hereby ms arising
Cleaned By:	5-R.	Date 6 - 25 - 09	CES Environmental S		orly cleaned, resulting in damage or on, is in no manner responsible for a r materials left in their yard.	
Inspected By:		Date	Print Name:		Date	
			Signature:			

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO # Custom	ner: 1 JEP21			Date: 6-27-09
Tractor Addres		n. RU		Time: 1045
Trailer / Container Number Droppe				Need By:
3009	DADIE /4Un)			ASAP
CONTAINER TYPE: TOTE BIN	N ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK
☐ TANK TRAILER ☐ ROLL	TARP BOX	☐ FRAC TANK	POLY TAN	K VACUUM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1				
2				
3				
4		***		
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.5	%) #1 -0 #2	#3 #4 #5
2 Quick Rinse		LEL (<10%)	#1 2 #2	
3 Cold Water Rinse		CO ² (<35 ppm)	#1_0 #2	#3#4#5
4 Hot Water Rinse		Toxic Vapor	#1 0 #2	#3#4#5
5 Steam Only (Per Hour)		Signature:	56	
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse & Dry		Comments:	· · · · · · · · · · · · · · · · · · ·	
9 Caustic Wash & Dry				
10 Caustic Wash, Rinse & Dry				
11 Waste Water Surcharge				
12 Solvent Wash (Diesel # Hours)				
13 Solvent Wash (Stripper)	·			
14 Exterior Tractor Wash				•
15 Exterior Trailer Wash (w/o Intern	al)			
16 Exterior Trailer Wash (with Intern	nal)			
17 Exterior Acid Brite Wash		Authorized Addit	tional Services:	
18 Hand Labor (# Men / # Hours)				
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green Stripper)		. 1		· · · · · · · · · · · · · · · · · · ·
21 Passivation				
Hose Cleaning			<u></u>	
Pump Cleaning	1 320	thoroughness of the tan moisture. Final inspection of release CES Environmental	k washing procedure or the to the equipment remains the re Services, Inc., Cleaning Divi-	makes no guarantees with respect to the stat elimination of interior residues and/or seponsibility of the customer, and they hereby sion, from any responsibility for claims arising thy cleaned, resulting in damage or loss.
Cleaned By:	Date 6 27 9	CES Environmental S		on, is in no manner responsible for any
Inspected By:	Date	Print Name:	· · · · · · · · · · · · · · · · · · ·	Date
		Signature:		

CES Environmental Services
Container / Tank Čleaning Division
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Phone: (713) 676-1460 • Fax: (713) 676-1676

PO#	ustomer:	1			•	Date:		<u> </u>
	110	PROVI				6-	29-1	2 <i>9</i>
Tractor A	ddress:					Time:		
917			1,					
Trailer / Container Number D	ropped By:	//				Need	Ву:	
<u> </u>	Jam B						- سر	
CONTAINER TYPE: To	TE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER		DRY E	BULK	
☐ TANK TRAILER ☐ I	ROLL TARP BO	OX VACUUM BOX	FRAC TANK	O F	OLY TAN	<u> </u>	VACUL	JM TRUCK
Compartment #	Las	t Contained	Heel - Hazardous	Heel -	Non-Haz	:	Drum / R	olloff
1PCemp				•				
2								
3								
4	•							
5	てア	Ø		·				
CLEANING CODES	\mathcal{J}_{i}^{j}	WORK PERFORMED		TANK	ENTRY I	PERMIT		
1 Air Dry			Oxygen (19.5% -23.5%	%) #1	#2	#3	#4	#5
2 Quick Rinse			LEL (<10%)		#2		#4	#5
3 Cold Water Rinse			CO ² (<35 ppm)		#2	1 1 - 1 - 1	#4	#5
4 Hot Water Rinse		·	Toxic Vapor	#1	#2	_ #3	#4	#5
5 Steam Only (Per Hour)			Signature:					
6 Steam & Dry		<u> </u>	Stripper Usage:		(#3) 1			
7 Rinse, Steam & Dry							<u> </u>	
8 Detergent Wash, Rinse & D)ry		Comments:				, marks	***
9 Caustic Wash & Dry		<i>(</i>						
10 Caustic Wash, Rinse & Dr	<u>y</u>						e i Se	$\tilde{C}_{i,j}$
11 Waste Water Surcharge	_/_							
12 Solvent Wash (Diesel # Ho	ours)		<u>.</u>					
13 Solvent Wash (Stripper)								
14 Exterior Tractor Wash								
15 Exterior Trailer Wash (w/o						T. 1		
16 Exterior Trailer Wash (with	Internal)		A dispersion of Addis	and C				
17 Exterior Acid Brite Wash			Authorized Addit	ionai Se	ervices:			·
18 Hand Labor (# Men / # Ho	ours)				- :			
19 Hydroblaster (# Hours)								<u>```</u>
20 Solvent Wash (Green Stri	pper)							<u> </u>
21 Passivation							<u> </u>	
Hose Cleaning Pump Cleaning			CES Environmental Serv	ices, Inc., Cl	eaning Division.	makes no a	uarantees with	respect to the
r grip Gleathing	<u> </u>		thoroughness of the tank moisture. Final inspection of release CES Environmental from any allegations that	: washing pro he equipmer Services, Inc	ocedure or the to nt remains the re Cleaning Divis	otal élimination esponsibility sion, from an	on of interior re of the custome ry responsibility	esidues and/or er, and they hereby y for claims arising
Cleaned By:	Ar	Date 6 - 29 - 0	CES Environmental So	ervices, Inc.,		on, is in no n	nanner respons	sible for any
Inspected By:		Date	Print Name:			[Date	
			Signature:					

Environmental Services

TANK WASH WORK ORDER

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676

PO# 0	Customer: Tdopal			Date:	109
Tractor	Address:			Time:	+
9705 895	iduless.		•	16. A)	pm
Trailer / Container Number D	Propped By:	M		Need By:	V
1055	1/and 7	Vorgan			
CONTAINER TYPE: TO	OTE BIN ROLL DOG		AINER [DRY BULK	
		JUM BOX FRAC TANK	POLY TAN		UM TRUCK
Compartment #	Last Contained	Heel - Hazardous		Drum /	
1 bight First to					
2				* <i>,</i>	
3					
4					
5					
CLEANING CODES	WORK PERFO	ORMED	TANK ENTRY	PERMIT	
1 Air Dry		Oxygen (19.5% -23.5	%) # <u>}</u> #2	#3#4	#5
2 Quick Rinse		LEL (<10%)	#1 <u> </u>	#3 #4	<u>#5</u>
3 Cold Water Rinse		CO ² (<35 ppm)	#1 <u> </u>	#3 #4	#5
4 Hot Water Rinse		Toxic Vapor	#1#2	#3#4	#5
5 Steam Only (Per Hour)		Signature:	B-17		
6 Steam & Dry		Stripper Usage:		an A	
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse & I	Dry	Comments:			
9 Caustic Wash & Dry					
10 Caustic Wash, Rinse & D	ry			2	
11 Waste Water Surcharge					
12 Solvent Wash (Diesel # H	lours)				
13 Solvent Wash (Stripper)				4	
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (w/o	Internal)			•	
16 Exterior Trailer Wash (with					•
17 Exterior Acid Brite Wash		Authorized Addi	tional Services:		
18 Hand Labor (# Men / # H	ours)		_		
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green Str	ipper)				
21 Passivation					
Hose Cleaning					.
Pump Cleaning		CES Environmental Ser	vices, Inc., Cleaning Division	, makes no guarantees w	ith respect to the
Cleaned By:	Date 6	moisture. Final inspection of release CES Environmental from any allegations the CES Environmental S	k washing procedure or the to the equipment remains the r Services, Inc., Cleaning Division of the equipment was improper services, Inc., Cleaning Division or losses of equipment and/o	esponsibility of the custor sion, from any responsible erly cleaned, resulting in coording in coording ion, is in no manner responsible.	mer, and they hereby lity for claims arising damage or loss. onsible for any
Inspected By:	Date	Print Name:		Date	
		Signature:			·

LIS Environmental Services

TANK WASH WORK ORDER

ontainer / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676

PO #	Customer:				Date:	- 0
	lide	Pon	<u> </u>	·	6-30	-04
Tractor	Address:				Time:	
Trailer / Container Numb	per Dropped By:				Need By:	<u> </u>
T-526	6200	~ med		*,		
CONTAINER TYPE:	TOTEBIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK	
TANK TRAILER	ROLL TARP BOX			POLY TAN		CUUM TRUCK
Compartment #		Contained	Heel - Hazardous			/ Rolloff
Hydrocas	ebans					
2						
3						
4						
CLEANING CODE	S V	WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry			Oxygen (19.5% -23.59	%) Back #2	#3#4	#5
2 Quick Rinse			LEL (<10%)	#1#2		<u> </u>
3 Cold Water Rinse			CO ² (<35 ppm)	#1#2	#3 #4	#5
4 Hot Water Rinse			Toxic Vapor	#1#2	#3 #4	#5
5 Steam Only (Per Hou	ır)		Signature:			
6 Steam & Dry			Stripper Usage:			
7 Rinse, Steam & Dry						
8 Detergent Wash, Rin	se & Dry		Comments:			
9 Caustic Wash & Dry	1/					
10 Caustic Wash, Rins	e & Dry					
11 Waste Water Surch	arge /					
12 Solvent Wash (Dies	el # Hours)					
13 Solvent Wash (Strip	per)					
14 Exterior Tractor Wa	sh					
15 Exterior Trailer Was	h (w/o Internal)					
16 Exterior Trailer Was	h (with Internal)					λ,
17 Exterior Acid Brite	Vash		Authorized Addit	ional Services:		
18 Hand Labor (# Men	/ # Hours)					¥
19 Hydroblaster (# Ho	urs)					
20 Solvent Wash (Gree	en Stripper)					
21 Passivation					1	
Hose Cleaning						
Pump Cleaning		1	thoroughness of the tank moisture. Final inspection of release CES Environmental from any allegations that	rices, Inc., Cleaning Division washing procedure or the tithe equipment remains the in Services, Inc., Cleaning Divit the equipment was improp	otal elimination of intresponsibility of the crision, from any respo	erior residues and/or ustomer, and they here nsibility for claims arisi
Cleaned By:	3 V.	_ Date 6-30-0°	CES Environmental S damages	ervices, Inc., Cleaning Divisor losses of equipment and/o	ion, is in no manner r or materials left in the	esponsible for any ir yard.
Inspected By:		Date	Print Name:		Date_	

CES Environmental Services

TANK WASH WORK ORDER

Container / Tank Cleaning Division 4904 Griggs Rd. • Houston, TX 77021 Phone: (713) 676-1460 • Fax: (713) 676-1676

Customer: TIDE DULT				Date:	. · ·
Tractor Address:				Time:	
Trailer / Container Number Dropped By:			Need By:	· · · · · · · · · · · · · · · · · · ·	
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK	
☐ TANK TRAILER ☐ ROLL TA	RP BOX	☐ FRAC TANK	POLY TAN	K 🔲 VACUL	JM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / F	olloff
1 Ether			4		
2					
3					·
4					
5					
CLEANING CODES	WORK PERFORMED		TANK ENTRY I	PERMIT	
1 Air Dry		Oxygen (19.5% -23.59	%) # <u>0 </u>	#3#4	#5
2 Quick Rinse		LEL (<10%)	#1_()#2	#3#4	#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 #2	#3 #4	#5
4 Hot Water Rinse		Toxic Vapor	#1 #2	#3 #4	#5
5 Steam Only (Per Hour)		Signature:	丁し		:
6 Steam & Dry		Stripper Usage:	* * * * * * * * * * * * * * * * * * * *		*
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse & Dry		Comments:			
9 Caustic Wash & Dry					
10 Caustic Wash, Rinse & Dry					
11 Waste Water Surcharge					
12 Solvent Wash (Diesel # Hours)			• •		
13 Solvent Wash (Stripper)					
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (w/o Internal)					
16 Exterior Trailer Wash (with Internal)					
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:		
18 Hand Labor (# Men / # Hours)					
19 Hydroblaster (# Hours)			·		
20 Solvent Wash (Green Stripper)					
21 Passivation					
Hose Cleaning					
Pump Cleaning	13- 4	thoroughness of the tank moisture. Final inspection of release CES Environmental	ices, Inc., Cleaning Division, washing procedure or the to the equipment remains the re Services, Inc., Cleaning Divis the equipment was imprope	otal elimination of interior re esponsibility of the custome sion, from any responsibilit	esidues and/or er, and they herel y for claims arisir
Cleaned By:	Date 630 9	CES Environmental S damages o	ervices, Inc., Cleaning Division tosses of equipment and/o	on, is in no manner respon r materials left in their yard	sible for any l.
Inspected By:	Date	Print Name:		Date	
		Signature:			

ES Environmental Services

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TANK WASH WORK ORDER

70 "				12
PO # Customer:	Tideport			Date: 7-07-09
Tractor Address:				Time:
914				Time: 07:30
Trailer / Container Number Dropped By			-	Need By:
<u> 1048 </u>	CH. twem	<u> </u>		7-06-09
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK
TANK TRAILER ROLL TARI	BOX VACUUM BOX	☐ FRAC TANK	POLY TAN	K VACUUM TRUCK
Compartment # L	ast Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1P: R-HOF-250			News	
2				
3				
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.59	%) #J <u>}o; 1</u> #2	#3#4#5
2 Quick Rinse		LEL (<10%)		_ #3 #4 #5
3 Cold Water Rinse		CO ² (<35 ppm)		#3 #4 #5
4 Hot Water Rinse		Toxic Vapor	*1 	_ #3 #4 #5
5 Steam Only (Per Hour)		Signature:	<i>P</i>	202
6 Steam & Dry	<u>/</u>	Stripper Usage:		
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse & Dry		Comments:		
9 Caustic Wash & Dry				
10 Caustic Wash, Rinse & Dry		_		
11 Waste Water Surcharge		4		
12 Solvent Wash (Diesel # Hours)				
13 Solvent Wash (Stripper)				
14 Exterior Tractor Wash		-		
15 Exterior Trailer Wash (w/o Internal)		-		
16 Exterior Trailer Wash (with Internal)		Authorized Addit	ional Services:	
17 Exterior Acid Brite Wash		- Additionized Addit	iuliai Selvices. —	
18 Hand Labor (# Men / # Hours) 19 Hydroblaster (# Hours)				· · · · · · · · · · · · · · · · · · ·
20 Solvent Wash (Green Stripper)				
21 Passivation				
Hose Cleaning			· · · · · · · · · · · · · · · · · · ·	
Pump Cleaning		CES Environmental Serv	ices, Inc., Cleaning Division,	makes no guarantees with respect to the
		moisture. Final inspection of t release CES Environmental	the equipment remains the re Services, Inc., Cleaning Divis	otal elimination of interior residues and/or seponsibility of the customer, and they hereby sion, from any responsibility for claims arising rhy cleaned, resulting in damage or loss.
Cleaned By:	Date 7 - 3 -0 9.	CES Environmental S		on, is in no manner responsible for any
Inspected By:	Date	Print Name:		Date
		Signature:		

ÉS Environmental Services

Container / Tank Cleaning Division

•4904 Griggs Rd. • Houston, TX 77021

Phone: (713) 676-1460 • Fax: (713) 676-1676

TANK WASH WORK ORDER

PO # Customer:	Tideport			Date: 7- B	-9
Tractor 734 Address:				Time:	
Trailer / Container Number Dropped B	y:			Need By:	
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	ISO CONT	. '	DRY BULK	
☐ TANK TRAILER ☐ ROLL TAR		FRAC TANK	POLY TAN		JM TRUCK
	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / A	olloff
1 Flevated oil			***.		
2					·
3					
4		·			
5	· · · · · · · · · · · · · · · · · · ·				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry		Oxygen (19.5% -23.59	%) #1 2 	#3 #4	#5
2 Quick Rinse		LEL (<10%)	#1_0 #2	#3 #4	#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 #2		#5
4 Hot Water Rinse		Toxic Vapor	#1 <u>6</u> #2	#3 #4	#5
5 Steam Only (Per Hour)		Signature: 🔾		-	
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse & Dry		Comments:			
9 Caustic Wash & Dry				, and a second	
10 Caustic Wash, Rinse & Dry					
11 Waste Water Surcharge					
12 Solvent Wash (Diesel # Hours)					
13 Solvent Wash (Stripper)					
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (w/o Internal)				• .	, Ñ
16 Exterior Trailer Wash (with Internal)	*			-	<u> </u>
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:		
18 Hand Labor (# Men / # Hours)					
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green Stripper)			*		
21 Passivation					
Hose Cleaning					
Pump Cleaning		thoroughness of the tank	ices, Inc., Cleaning Division, washing procedure or the t	otal elimination of interior n	esidues and/or
		moisture. Final inspection of release CES Environmental	he equipment remains the r Services, Inc., Cleaning Divi	esponsibility of the custome sion, from any responsibilit	er, and they hereby y for claims arising
Cleaned By: JR.	Date 7 7 0 9	CES Environmental S	the equipment was improper ervices, Inc., Cleaning Division or losses of equipment and/o	on, is in no manner respon	sible for any
Inspected By:	Date	Print Name:		Date	
		Signature:	while the	addine.	

Environmental Services

iner / Tank Cleaning Division
Griggs Rd. • Houston, TX 77021
one: (713) 676-1460 • Fax: (713) 676-1676

TANK WASH WORK ORDER

PO # Cust	tomer:			Date:	19
Tractor Addi	ress:			Time: ///5 7	
Frailer / Container Number Drop	oped By:			Need By:	
1075	LA That	*****		MEAP	
CONTAINER TYPE: TOTE	BIN ROLL DOOF	R BOX ISO CONT	AINER [DRY BULK	
	LL TARP BOX		POLY TAN	1.4.2	JM TRUCK
Compartment #	Last Contained	Heel - Hazardous			1,15
1 Food of #7					
2					
3					
4		1/2/			
5					j.
CLEANING CODES	WORK PERFOR	MED	TANK ENTRY	PERMIT	
1 Air Dry		Oxygen (19.5% -23.5	%) #1 2 a , a (#2	#3 #4	#5
2 Quick Rinse		LEL (<10%)	#1#2	#3 #4	#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 #2	#3#4	#5
4 Hot Water Rinse		Toxic Vapor	#1 #2	#3 #4	
5 Steam Only (Per Hour)		Signature:	K		
6 Steam & Dry		Stripper Usage:	N.	en en en en en	
7 Rinse, Steam & Dry					
8 Detergent Wash, Rinse & Dry		Comments:			
9 Caustic Wash & Dry					
10 Caustic Wash, Rinse & Dry	97.3				
11 Waste Water Surcharge			*	· · · · · · · · · · · · · · · · · · ·	
12 Solvent Wash (Diesel # Hour	s)				
13 Solvent Wash (Stripper)	<u></u>				
14 Exterior Tractor Wash					٠
15 Exterior Trailer Wash (w/o Int					
16 Exterior Trailer Wash (with Int	ternal)				<u> </u>
17 Exterior Acid Brite Wash		Authorized Addit	ertal Services:	•	
18 Hand Labor (# Men / # Hours	s) ,		Sandard Sandard		
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green Strippe	er)				
21 Passivation					<u> </u>
Hose Cleaning				· · · · · · · · · · · · · · · · · · ·	
Pump Cleaning	_	thoroughness of the tank moisture. Final inspection of release CES Environmental	rices, Inc., Cleaning Division, k washing procedure or the to the equipment remains the r Services, Inc., Cleaning Divi at the equipment was imprope	otal elimination of interior re esponsibility of the custome ision, from any responsibilit	esidues and/or er, and they hen ly for claims aris
Cleaned By:	Date 7 - 9	CES Environmental S damages	services, Inc., Cleaning Division losses of equipment and/o		
Inspected By:	Date	Print Name:		Date	
		i illit iadille.		Dale	

S Environmental Services
Ontainer / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO # Custo	omer: Tuns Only of Galler	8-14 K	San Li	Date: 1/1/49	
Tractor Addre)SS:		· · · · · · · · · · · · · · · · · · ·	Time:	
Trailer / Container Number Dropp	ped By:			Need By:	
CONTAINER TYPE: TOTE	BIN ROLL DOOR BOX	☐ ISO CONT	AINER C	DRY BULK	<u></u>
TANK TRAILER ROL	L TARP BOX	☐ FRAC TANK	POLY TAN	K 🔲 VACUL	JM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / P	olloff
Trate HALDIS	•				
2					
3		•			
4					
5					
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry		Oxygen (19.5% -23.5	%) # #2 #2	#3 #4	#5
2 Quick Rinse		LEL (<10%)	#1 #2	#3 #4	#5
3 Cold Water Rinse		CO ² (<35 ppm)			#5
4 Hot Water Rinse		Toxic Vapor	g #1 _6 #2	#3 #4	#5
5 Steam Only (Per Hour)		Signature/1	<u> </u>	· · · · · · · · · · · · · · · · · · ·	
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry				- 1	
8 Detergent Wash, Rinse & Dry		Comments:			
9 Caustic Wash & Dry			•		
10 Caustic Wash, Rinse & Dry			ė,	•	
11 Waste Water Surcharge			. .		
12 Solvent Wash (Diesel # Hours))	1 \(\times \), \(\kappa_1 \)			
13 Solvent Wash (Stripper)		1 ラブ	6)		
14 Exterior Tractor Wash		1 / 5			
15 Exterior Trailer Wash (w/o Inte		· ·			
16 Exterior Trailer Wash (with Inte	rnal)	A. Abasina d Addit	lanal Camilaga		-
17 Exterior Acid Brite Wash		Authorized Addit	ionai Services: —		
18 Hand Labor (# Men / # Hours)					
19 Hydroblaster (# Hours)		<u> </u>			
20 Solvent Wash (Green Stripper)				
21 Passivation					
Hose Cleaning		CES Environmental Serv	ices, Inc., Cleaning Division	. makes no quarantees with	respect to the
Pump Cleaning Cleaned By:	Date 7-2-1-09	thoroughness of the tank moisture. Final inspection of release CES Environmental from any allegations that CES Environmental S	washing procedure or the the equipment remains the inservices, Inc., Cleaning Divise the equipment was impropervices, Inc., Cleaning Diviservices, Inc., Cleaning	total elimination of interior r responsibility of the custom ision, from any responsibili erly cleaned, resulting in de ion, is in no manner respor	esidues and/or er, and they hereby y for claims arising image or loss.
Inspected By:	Date	Print Name:	or losses of equipment and/o		
Inspected By:	Date	Print Name:			

CES Environmental Services
Continer / Tank Cleaning Division
4504 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

- A-10	Customer:		Date:
9370	Palice Expression		1 1 7 101
Tractor	Address:		Time:
			12:00 cm
Trailer / Container Number	Dropped By:		Need By:
LT-1276			MAD I
CONTAINER TYPE: T	OTE BIN ROLL DOOR BOX	☐ ISO CONTAINER	DRY BULK
TANK TRAILER	ROLL TARP BOX	☐ FRAC TANK ☐ POLY TA	NK VACUUM TRUCK
Compartment #	Last Contained	Heel - Hazardous Heel - Non-Ha	z Drum / Rolloff
1 CAN FALS	old whole		
2	A STATE OF THE STA		
3			
4			
5			
CLEANING CODES	WORK PERFORMED	TANK ENTR	Y PERMIT
1 Air Dry		Oxygen (19.5% -23.5%) #1 #2	#3#4#5
2 Quick Rinse	The second secon	LEL (<10%) #1 #2	#3 #4 #5
3 Cold Water Rinse		CO ² (<35 ppm) #1 #2	#3 #4 #5
4 Hot Water Rinse		Toxic Vapor #1 #2	#3 #4 #5
5 Steam Only (Per Hour)		Signature:	
6 Steam & Dry		Stripper Usage:	
7 Rinse, Steam & Dry			
8 Detergent Wash, Rinse &	Dry /	Comments:	
9 Caustic Wash & Dry		7 0 7	O All In
10 Caustic Wash, Rinse & E	Dry	7 / Drums	a Bispedin
11 Waste Water Surcharge			
12 Solvent Wash (Diesel # I	Hours)	***************************************	1 ML
13 Solvent Wash (Stripper)		1 hr Da	NIW CA
14 Exterior Tractor Wash		7	
15 Exterior Trailer Wash (w/	/o Internal)	7 835	
16 Exterior Trailer Wash (wi	ith Internal)		
17 Exterior Acid Brite Wash	1	Authorized Additional Services	
18 Hand Labor (# Men / # H	Hours)		
19 Hydroblaster (# Hours)			
20 Solvent Wash (Green St	ripper)		
21 Passivation			
Hose Cleaning			
Pump Cleaning		CES Environmental Services, Inc., Cleaning Divise thoroughness of the tank washing procedure or the services.	ne total elimination of interior residues and/or
		moisture. Final inspection of the equipment remains to release CES Environmental Services, Inc., Cleaning	ne responsibility of the customer, and they hereby Division, from any responsibility for claims arising
Cleaned By:	5L Date 7/1/19	from any allegations that the equipment was imp CES Environmental Services, Inc., Cleaning D damages or losses of equipment a	ivision, is in no manner responsible for any
Inspected By:	Date		
mapeuted by	Date	Print Name:	Date
		Signature:	

r/Tank Cleaning Division
Griggs Rd. • Houston, TX 77021
Anone: (713) 676-1460 • Fax: (713) 676-1676



PO# TERIAL	PE Delia E	X1: 065		Date: 1 / 09
Tractor Address:				Time:
Trailer / Container Number Dropped E	Bv:			Need By
LT- 372	,y.	· · · · · · · · · · · · · · · · · · ·		45.A.P.
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	ISO CONTA	AINER [DRY BULK
TANK TRAILER ROLL TAR	RP BOX	☐ FRAC TANK	POLY TAN	<u> </u>
Compartment #	Last Contained	Heel - Hazardous		Drum / Rolloff
1 Feed Stack				
2				
3				
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.59	%) #17 a . ##2	#3#4#5
2 Quick Rinse		LEL (<10%)	#1#2	
3 Cold Water Rinse		CO ² (<35 ppm)	#1 #2	
4 Hot Water Rinse		Toxic Vapor	#1#2	#3 #4 #5
5 Steam Only (Per Hour)		「Signature: <i>山頂</i>		
6 Steam & Dry	A CONTRACTOR OF THE PARTY OF TH	Stripper Usage:		
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse & Dry		Comments:		
9 Caustic Wash & Dry				
10 Caustic Wash, Rinse & Dry				
11 Waste Water Surcharge		1		en e
12 Solvent Wash (Diesel # Hours)				
13 Solvent Wash (Stripper)		1		
14 Exterior Tractor Wash				
15 Exterior Trailer Wash (w/o Internal)				
16 Exterior Trailer Wash (with Internal)		1.		
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:	
18 Hand Labor (# Men / # Hours)		1		
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green Stripper)				
21 Passivation				
Hose Cleaning				
Pump Cleaning		moisture. Final inspection of t release CES Environmental 5	t washing procedure or the to the equipment remains the ro Services, Inc., Cleaning Divis	makes no guarantees with respect to the otal elimination of interior residues and/or esponsibility of the customer, and they hereby sion, from any responsibility for claims arising
Cleaned By: A. Z	Date - 28 49	CES Environmental S		orly cleaned, resulting in damage or loss. on, is in no manner responsible for any reaterials left in their yard.
Inspected By:	Date	Print Name:		Date
	and the state of t	Signature:	·	

CES Environmental Services
Container Tank Cleaning Division
4004 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

20 #	Customer:	Date:	
	NOCTEX	1/30/09	<u> </u>
Fractor 297	Address:	Time:	
railer / Container Number	Dropped By:	Need By:	
CONTAINER TYPE:	TOTE BIN ROLL, DOOR BOX	☐ ISO CONTAINER ☐ DRY BULK	
	ROLL TARP BOX VACUUM BOX		RUCI
Compartment #	Last Contained	Heel - Hazardous Heel - Non-Haz Drum / Rolloff	
Vial are	tate method		
2			
3			
5			
CLEANING CODES	WORK PERFORMED	TANK ENTRY PERMIT	
1 Air Dry		Oxygen (19.5% -23.5%) # 1/2 #2 #3 #4 #5	j
2 Quick Rinse		LEL (<10%) #1 <u>0</u> #2_#3_#4#5	
3 Cold Water Rinse		CO ² (<35 ppm) #1 #2 #3 #4 #5 Toxic Vapor #1 #2 #3 #4 #5	
4 Hot Water Rinse		Toxic Vapor #1 #2 #3 #4 #5	
5 Steam Only (Per Hour)		Signature 3 2	
6 Steam & Dry		Stripper Usage:	
7 Rinse, Steam & Dry			
8 Detergent Wash, Rinse 8	& Dry	Comments:	
9 Caustic Wash & Dry		FLAMABLE LIGHTS	
10 Caustic Wash, Rinse &	Dry **		
11 Waste Water Surcharge	• /		
12 Solvent Wash (Diesel #	Hours)		
13 Solvent Wash (Stripper))		
14 Exterior Tractor Wash		£	
15 Exterior Trailer Wash (w	v/o Internal)		
16 Exterior Trailer Wash (w	vith Internal)		
17 Exterior Acid Brite Was	h	Authorized Additional Services:	
18 Hand Labor (# Men / #	Hours)		
19 Hydroblaster (# Hours)			
20 Solvent Wash (Green S	Stripper)		
21 Passivation			
Hose Cleaning			
Pump Cleaning		CES Environmental Services, Inc., Cleaning Division, makes no guarantees with respect thoroughness of the tank washing procedure or the total elimination of interior residues moisture. Final inspection of the equipment remains the responsibility of the customer, and I release CES Environmental Services, Inc., Cleaning Division, from any responsibility for cla	and/or they hen tims aris
Cleaned By:	Date 7 - 2-(-0)	from any allegations that the equipment was improperly cleaned, resulting in damage of CES Environmental Services, Inc., Cleaning Division, is in ne mariner responsible for damages of losees of agripment and/or materials left in their yard.	
Inspected By:	Date	Print Name: Date 7 /2 /	<i>j</i>

CES Environmental Services
Container Trank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO # [0	Customer:				Date:	1
	Justomer.				7/2	
Tractor	Address:	NOCTEX			Time:	~~
297	-uuiess.	(\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.		inile.	
Trailer / Container Number [Oropped E	y:			Need By:	
CONTAINER TYPE: TO	OTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK	
	ROLL TAP	_ / /	☐ FRAC TANK	POLY TAN		UM TRUCK
Compartment #		Last Contained	Heel - Hazardous	Heel - Non-Haz	1	
1 Valares	le le	weth at				
2	· · · · · · · · · · · · · · · · · · ·			7		1. 3
3						
4						
5						
CLEANING CODES		WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry			Oxygen (19.5% -23.5	%) #1 <u>7~</u> 4#2	#3 #4	#5
2 Quick Rinse			LEL (<10%)	#1#2	#3#4	#5
3 Cold Water Rinse			CO ² (<35 ppm)	#1#2	#3 #4	#5
4 Hot Water Rinse			Toxic Vapor	∩ #1 <u>~</u> #2	#3#4 #3#4	#5
5 Steam Only (Per Hour)			Signature:	<u>K</u>		
6 Steam & Dry		· · · · · · · · · · · · · · · · · · ·	Stripper Usage:		1	
7 Rinse, Steam & Dry						
8 Detergent Wash, Rinse &	Dry		Comments:	ianable l		
9 Caustic Wash & Dry				DANAPUC I	34 38 See 3	
10 Caustic Wash, Rinse & D	ry	<u>/</u>				
11 Waste Water Surcharge		·,	· · ·		•	
12 Solvent Wash (Diesel # h	lours)					
13 Solvent Wash (Stripper)			•• '			
14 Exterior Tractor Wash			_	€"		
15 Exterior Trailer Wash (w/c	<u>-</u>	<u></u>	_			
16 Exterior Trailer Wash (wit	h Internal)		A shorted Addit	ional Comissos		
17 Exterior Acid Brite Wash			Authorized Addit	ionai Services: —		<u> </u>
18 Hand Labor (# Men / # H	ours)					
19 Hydroblaster (# Hours)						
20 Solvent Wash (Green Str	ipper)	*************************************				
21 Passivation Hose Cleaning					-	
			CES Environmental Serv	ices, Inc., Cleaning Division	makes no guarantees wit	respect to the
Pump Cleaning			thoroughness of the tank moisture. Final inspection of release CES Environmental	washing procedure or the t	total elimination of interior responsibility of the custom ision, from any responsibility	esidues and/or er, and they hereby ly for claims ansing
Cleaned By:	7/	Date 7 - 1.1 - 09		ervices, Inc., Cleaning Division losses of equipment and/o		
Inspected By:		Date	Print Name:		Date	13/10
			Signature:			~/

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO # C	Sustomer: CES Envis	onmental		Date:
Tractor 2000 A	ddress:		c.	Time: /000
Trailer / Container Number D	ropped By:			Need By: AP
	TE BIN ROLL DOOR BOX	_ ISO CONT	AINER [DRY BULK
TANK TRAILER I	ROLL TARP BOX	☐ FRAC TANK	POLY TAN	K VACUUM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rollo
1 Hazardous	rinse water,			
2 UN 1993	maste flammable lights		· · · · · · · · · · · · · · · · · · ·	
3		·		
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.59	%) \$1	#3 #4 #5
2 Quick Rinse		LEL (<10%)	#1 #2	
3 Cold Water Rinse		CO ² (<35 ppm)	#1_76 #2	#3 #4 #5
4 Hot Water Rinse		Toxic Vapor	, #1 // #2	_ #3 #4 #5
5 Steam Only (Per Hour)		Signature	>	
6 Steam & Dry	/	Stripper Usage:		
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse & D)ry /	Comments:	1 19	
9 Caustic Wash & Dry		1 / //	'	
10 Caustic Wash, Rinse & Dr	У		つ用し	
11 Waste Water Surcharge		_		
12 Solvent Wash (Diesel # Ho	ours)	1		
13 Solvent Wash (Stripper)		4		
14 Exterior Tractor Wash		1		
15 Exterior Trailer Wash (w/o	Internal)	_		
16 Exterior Trailer Wash (with	ı Internal)	4:	·	
17 Exterior Acid Brite Wash		Authorized Addit	ional Services: 	
18 Hand Labor (# Men / # Ho	ours)			
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green Strip	pper)			
21 Passivation				
Hose Cleaning				
Pump Cleaning		thoroughness of the tank moisture. Final inspection of	washing procedure or the to the equipment remains the r	makes no guarantees with respect to the otal elimination of interior residues and/or seponsibility of the customer, and they hereby sion, from any responsibility for claims arising try cleaned, resulting in damage or loss.
Cleaned By:	Date 7-17-09	CES Environmental S		on, is in no manner responsible for any
Inspected By:	Date	Print Name:	Sauler	Date 7/17/19
		Signature:	en e	

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO #	Customer:				Date:	
1 0 #	CE9 (PECYCLE)			7/22/0	9
Tractor	Address:				Time:	
	7 1001				1700	
Trailer / Container Number	Dropped By	······································			Need By:	
410	, 	•		·		
CONTAINER TYPE:	TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK	
	ROLL TAR			POLY TAN		M TRUCK
Compartment #	L	ast Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Ro	
1 CES UNDESTRUCE	a runa c	NDS (1993)		,		
2						
3						
4					<u> </u>	
5						
CLEANING CODES	1	WORK PERFORMED		TANK ENTRY I	PERMIT	
1 Air Dry		×	Oxygen (19.5% -23.5	%) #1 <i>30,11</i> #2 <i>90</i> ,	1#32027#4	#5
2 Quick Rinse			LEL (<10%)	#1 <u></u> #2	#3_/_ #4	#5
3 Cold Water Rinse			CO ² (<35 ppm)	#1_0_#2_6	#3 <u>/</u> #4 #3 <u>/</u> #4	#5
4 Hot Water Rinse			Toxic Vapor	#1_0_#2_0	- #3 -0 #4	#5
5 Steam Only (Per Hour)			Signature.			
6 Steam & Dry			Stripper Usage:			
7 Rinse, Steam & Dry	/					
8 Detergent Wash, Rinse 8	ያ Dry		Comments:			
9 Caustic Wash & Dry			aem	DAY F	· re	
10 Caustic Wash, Rinse &			BASE	OIL F		
11 Waste Water Surcharge						
12 Solvent Wash (Diesel #						
13 Solvent Wash (Stripper)					
14 Exterior Tractor Wash						
15 Exterior Trailer Wash (v						
16 Exterior Trailer Wash (v			Authorized Addit	ional Contingo		
17 Exterior Acid Brite Was		4	Authorized Addit	ional Services. —		
18 Hand Labor (# Men / #	Hours)		<u> </u>			*************************************
19 Hydroblaster (# Hours) 20 Solvent Wash (Green S	'trippor'				*.	
21 Passivation	ompher)					
Hose Cleaning						
Pump Cleaning				rices, Inc., Cleaning Division,		
	· · · · · · · · · · · · · · · · · · ·		moisture. Final inspection of release CES Environmental	k washing procedure or the to the equipment remains the ro Services, Inc., Cleaning Divit t the equipment was imprope	esponsibility of the custome sion, from any responsibility	er, and they hereby for claims arising
Cleaned By:		Date 7-23-09	CES Environmental S	ervices, Inc., Cleaning Division losses of equipment and/o	on, is in no manner respons	sible for any
Inspected By:		Date	Print Name:	WYN HOPF	^\$ Date_7/	121/09
			Signature:			<u> </u>

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO#	Customer: <i>C</i> t ⊜	(pecycle)	Date: 7/27/29				
Tractor	Time: (740						
Trailer / Container Number	Need By:						
410							
CONTAINER TYPE:		ROLL DOOR BOX	ISO CONT		DRY BULK		
TANK TRAILER	ROLL TAP	RP BOX	FRAC TANK	POLY TANK	VACUUM TRUCK		
Compartment #		Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff		
1 Co. UNICSTRUCTO	rung	emps (1998)					
2		·					
3		· · · · · · · · · · · · · · · · · · ·					
4					12		
5							
CLEANING CODES		WORK PERFORMED		TANK ENTRY F	PERMIT		
1 Air Dry		X	Oxygen (19.5% -23.59	%) #1 <u>4</u> /#2	(# 3 <u>/~~</u> # 4 #5		
2 Quick Rinse			LEL (<10%)	#1_0 #2_0	#3		
3 Cold Water Rinse			CO ² (<35 ppm)	#1#2	#3_/_ #4 #5		
4 Hot Water Rinse			Toxic Vapor	_ #3 #4 #5			
5 Steam Only (Per Hour)			Olgi latur 9				
6 Steam & Dry			Stripper Usage:				
7 Rinse, Steam & Dry				<u> </u>			
8 Detergent Wash, Rinse 8	Dry /		Comments:				
9 Caustic Wash & Dry		<u> </u>	active ply fire				
10 Caustic Wash, Rinse &		<u> </u>	PASE CIL				
11 Waste Water Surcharge			_		•		
12 Solvent Wash (Diesel #			4				
13 Solvent Wash (Stripper))		4				
14 Exterior Tractor Wash	/. l.l		4				
15 Exterior Trailer Wash (w			4				
16 Exterior Trailer Wash (w			Authorized Additional Services:				
17 Exterior Acid Brite Was 18 Hand Labor (# Men / #.			Traditionized ridgit				
19 Hydroblaster (# Hours)	i iouis)						
20 Solvent Wash (Green S	frinner\		 	<u> </u>			
21 Passivation	uippei)		<u> </u>		<u> </u>		
Hose Cleaning					·		
Pump Cleaning			CES Environmental Serv	ices, Inc., Cleaning Division,	makes no guarantees with respect to the		
			moisture. Final inspection of release CES Environmental	the equipment remains the re Services, Inc., Cleaning Divis	tal elimination of interior residues and/or eponsibility of the customer, and they hereby ion, from any responsibility for claims arising rly cleaned, resulting in damage or loss.		
Cleaned By:		Date 7-73-09	CES Environmental S damages o	ervices, Inc., Cleaning Division losses of equipment and/or	n, is in no manner responsible for any materials left in their yard.		
Inspected By:		Date		1	Date_7/21/51		
•			Signature:	* 1			

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO #	Customer:					Date 7	8/06	}
Tractor 295	Address:					Time:	7	
Trailer / Container Number	Dropped B	y:				Need By		
CONTAINER TYPE:	TOTE BIN	☐ RO	LL DOOR BOX	☐ ISO CONT	AINER [DRY BU	LK	
TANK TRAILER	ROLL TAP	RP BOX	VACUUM BO	X FRAC TANK	POLY TAN	ık 🔲	VACUUM	TRUCK
Compartment #		Last Conta	ned	Heel - Hazardous	Heel - Non-Haz	Dr	um / Roll	off
1 (x40) 1/4.	50 7	11/- 10	ASTE INA	W				: 1.
2	-							
3					· · · · · · · · · · · · · · · · · · ·			
4			· · · · · · · · · · · · · · · · · · ·					
5								
CLEANING CODES		WORK	PERFORMED		TANK ENTRY	PERMIT		
1 Air Dry				Oxygen (19.5% -23.5	5%) #1#2	#3	#4	#5
2 Quick Rinse				LEL (<10%)	#1#2			#5
3 Cold Water Rinse				CO ² (<35 ppm)	#2	#3	#4	#5
4 Hot Water Rinse				Toxic Vapor	#1 #2	#3	#4	#5
5 Steam Only (Per Hour)				Signature:				
6 Steam & Dry	<u></u>	<u> </u>	*	Stripper Usage:				
7 Rinse, Steam & Dry								
8 Detergent Wash, Rinse	& Dry			Comments:			:	
9 Caustic Wash & Dry								
10 Caustic Wash, Rinse &	Dry							
11 Waste Water Surcharge	9							
12 Solvent Wash (Diesel #	Hours)							
13 Solvent Wash (Stripper)							
14 Exterior Tractor Wash								
15 Exterior Trailer Wash (v	v/o Internal)							
16 Exterior Trailer Wash (v	vith Internal)							
17 Exterior Acid Brite Was	sh			Authorized Addi	tional Services:			
18 Hand Labor (# Men / #	Hours)				-			
19 Hydroblaster (# Hours)			·			<u> </u>		
20 Solvent Wash (Green S	Stripper)							
21 Passivation								
Hose Cleaning								
Pump Cleaning				thoroughness of the tan	vices, Inc., Cleaning Division k washing procedure or the	total elimination of	of interior resid	lues and/or
Cleaned By:		Date	7/1/	moisture. Final inspection of release CES Environmental from any allegations the CES Environmental S	the equipment remains the	responsibility of to vision, from any re- perty cleaned, res- sion, is in no man	he customer, a esponsibility fo ulting in dama ner responsibl	and they hereby r claims ansing ge or loss.
Inspected By:		Date		Print Name:		Da	te	
				Signature:				

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO#	Customer:	ζ						Date 7	28/0	5
295	Address:							Time:	52	
Trailer / Container Number [Dropped B	y:						Need	Ву:	
	OTE BIN		DLL DOOR I		☐ ISO CONT			DRYE		* 4 * *
7	ROLL TAP		VACUUM	BOX	FRAC TANK		POLY TANI			M TRUCK
Compartment #	· · · · · · · · · · · · · · · · · · ·	_ast Conta			Heel - Hazardous	Heel -	Non-Haz		Drum / R	olioff
1 marge 1/15	<u> 7</u>	1 w	iste	wife						
2						*				
3						M		11	/	
4									<i></i>	
5	See Se									
CLEANING CODES	• • • • • • • • • • • • • • • • • • • •	WORK	PERFORM	1ED		TANK	ENTRY I	PERMIT	Γ	
1 Air Dry					Oxygen (19.5% -23.59	%) #1	#2	_ #3	#4	#5
2 Quick Rinse					LEL (<10%)	#1	#2	<u>.</u> #3	#4	#5
3 Cold Water Rinse			_		CO ² (<35 ppm)		#2	_ #3	#4	#5
4 Hot Water Rinse	,				Toxic Vapor	#1	#2	_ #3	#4	#5
5 Steam Only (Per Hour)	٠				Signature:	ta staraŭ				
6 Steam & Dry					Stripper Usage:					
7 Rinse, Steam & Dry	·	The state of the s	1.4.	· · .		,				
8 Detergent Wash, Rinse &	Dry		_		Comments:					
9 Caustic Wash & Dry										
10 Caustic Wash, Rinse & D	ry									
11 Waste Water Surcharge					·					
12 Solvent Wash (Diesel # H	lours)									
13 Solvent Wash (Stripper)										
14 Exterior Tractor Wash										
15 Exterior Trailer Wash (w/c	o Internal)									
16 Exterior Trailer Wash (wit	th Internal)									
17 Exterior Acid Brite Wash			_		Authorized Addit	ional Se	ervices: 			
18 Hand Labor (# Men / # H	lours)									
19 Hydroblaster (# Hours)	· .									
20 Solvent Wash (Green Str	ripper)									
21 Passivation			<u> </u>							
Hose Cleaning										
Pump Cleaning					CES Environmental Serv thoroughness of the tank	c washing pro	ocedure or the to	otal eliminatik	on of interior re	sidues and/or
Cleaned By:		Date	74	1/25	moisture. Final inspection of release CES Environmental from any allegations that CES Environmental S damages of damages	Services, Inc the equipment ervices, Inc.,	c., Cleaning Divident was imprope	nion, from an orly cleaned, on, is in no n	y responsibility resulting in dar nanner respons	for claims arisin nage or loss. tible for any
Inspected By:	<u>.</u>	Date)		Print Name:				Date	
				Ł.	Signature:	***				

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

TANK WASH WORK ORDER

PO # Custome	CES			Date: (6.)(1.9
Tractor Address				Time:
Trailer / Container Number Dropped	IBy: Avier &)		Need By:
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER C	DRY BULK
TANK TRAILER ROLL T	ARP BOX	☐ FRAC TANK	POLY TAN	K VACUUM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 ackey Water				
2			·	
3				
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.5		
2 Quick Rinse		LEL (<10%)	#1 #2	
3 Cold Water Rinse		CO ² (<35 ppm)	#1 #2	
4 Hot Water Rinse		Toxic Vapor	#1 2 #2	#3 #4 #5
5 Steam Only (Per Hour)		Signature:	29-41	
6 Steam & Dry	/.	Stripper Usage:		
7 Rinse, Steam & Dry	 / 			
8 Detergent Wash, Rinse & Dry	1/	Comments:		
9 Caustic Wash & Dry			· .	
10 Caustic Wash, Rinse & Dry		, č.		
11 Waste Water Surcharge				
12 Solvent Wash (Diesel # Hours)				
13 Solvent Wash (Stripper)		· ·		
14 Exterior Tractor Wash				
15 Exterior Trail Wash (w/o Interna	1)			
16 Exterior Trailer Wash (with Interna	al)			
17 Exterior Acid Brite Wash		Authorized Addit	tional Services:	
18 Hand Labor (# Men / # Hours)			· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green Stripper)				
21 Passivation				
Hose Cleaning			· · · · · · · · · · · · · · · · · · ·	
Pump Cleaning		thoroughness of the tan moisture. Final inspection of release CES Environmental	k washing procedure or the t the equipment remains the r Services, Inc., Cleaning Divi	makes no guarantees with respect to the otal elimination of interior residues and/or esponsibility of the customer, and they here sion, from any responsibility for claims arisin
Cleaned By:	Date 6-34-9	CES Environmental S	 	orly cleaned, resulting in damage or loss. ion, is in no manner responsible for any or materials left in their yard.
Inspected By:	Date	Print Name:		Date
		Signature:		

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO # Custo	imer: CES)		Date: 211-9
Tractor Addre	SS:			Time:
Trailer / Container Number Dropp	ped By:	R		Need By:
CONTAINER TYPE: TOTE B		☐ ISO CONT	AINER [DRY BULK
	L TARP BOX	FRAC TANK	POLY TAN	
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 Lightends	<u> </u>			
2				
3				
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY I	PERMIT
1 Air Dry		Oxygen (19.5% -23.5	%) #1_//	#3 #4 #5
2 Quick Rinse		LEL (<10%)	#1 #2	#3 #4 #5
3 Cold Water Rinse		CO ² (<35 ppm)	#1#2	
4 Hot Water Rinse		Toxic Vapor	#1 <u> </u> #2	#3#4#5
5 Steam Only (Per Hour)		Signature:		
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse & Dry		Comments:	mg .	
9 Caustic Wash & Dry				
10 Caustic Wash, Rinse & Dry		_		
11 Waste Water Surcharge				
12 Solvent Wash (Diesel # Hours))			
13 Solvent Wash (Stripper)				
14 Exterior Tractor Wash				
15 Exterior Trailer Wash (w/o Inter	rnal)	4		
16 Exterior Trailer Wash (with Inte	rnal)			
17 Exterior Acid Brite Wash		Authorized Addit	ional Services: —	
18 Hand Labor (# Men / # Hours)				
19 Hydroblaster (# Hours)			·	
20 Solvent Wash (Green Stripper)	<u>) </u>			
21 Passivation				
Hose Cleaning				
Pump Cleaning	- 6249	thoroughness of the tan moisture. Final inspection of release CES Environmental	k washing procedure or the to the equipment remains the re Services, Inc., Cleaning Divi	makes no guarantees with respect to the otal elimination of interior residues and/or esponsibility of the customer, and they hereby sion, from any responsibility for claims arising orly cleaned, resulting in damage or loss.
Cleaned By:	Date	CES Environmental S damages	ervices, Inc., Cleaning Divisi or losses of equipment and/o	on, is in no manner responsible for any or materials left in their yard.
Inspected By:	Date	Print Name:	·	Date
		Signature:	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·

CES Environmental Services
Container / Tank Clearing Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO# Cu	ustomer: (ES/Petro	0. Fxp		Date: (2.21/29
Tractor Ac	ddress:			Time:
Trailer / Container Number Di	opped By:			Need By:
1706				
CONTAINER TYPE: TO	TE BIN ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK
TANK TRAILER D	ROLL TARP BOX	☐ FRAC TANK	POLY TAN	K VACUUM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 Light ends				
2				
3				
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.5	%) #1]().[#2	#3#5
2 Quick Rinse		LEL (<10%)	#1 #2	#3#4#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1 #2	#3 #4 #5
4 Hot Water Rinse		Toxic Vapor	#1_0#2	#3#4#5
5 Steam Only (Per Hour)		Signature:	JE	`
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse & D	ry /	Comments:	· · · · · · · · · · · · · · · · · · ·	
9 Caustic Wash & Dry				
10 Caustic Wash, Rinse & Dry				
11 Waste Water Surcharge				
12 Solvent Wash (Diesel # Ho	ours) /	•		
13 Solvent Wash (Stripper)				
14 Exterior Tractor Wash			•	
15 Exterior Trailer Wash (w/o	Internal)			
16 Exterior Trailer Wash (with	Internal) L			
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:	
18 Hand Labor (# Men / # Ho	urs)			· · · · · · · · · · · · · · · · · · ·
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green Strip	pper)			
21 Passivation				
Hose Cleaning				
Pump Cleaning		thoroughness of the tan moisture. Final inspection of release CES Environmental	c washing procedure or the to the equipment remains the ro Services, Inc., Cleaning Divis	makes no guarantees with respect to the otal elimination of interior residues and/or esponsibility of the customer, and they hereb sion, from any responsibility for claims arising
Cleaned By:	Date (0) (1 9	CES Environmental S		orly cleaned, resulting in damage or loss. on, is in no manner responsible for any reaterials left in their yard.
Inspected By:	Date	Print Name:		Date
		Signature:		

Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO#	Customer:			Date: 7-2-09
Tractor	Address:		· ·	Time:
Trailer / Container Number		ors/es		Need By:
CONTAINER TYPE: T	TOTE BIN ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK
☐ TANK TRAILER ☐	ROLL TARP BOX VACUUM BOX	☐ FRAC TANK	POLY TAN	K VACUUM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 wester meti	Tusol			
2				
3				
4	*			
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY I	PERMIT
1 Air Dry		Oxygen (19.5% -23.5	%) #1 <u>2 </u>	#3 #4 #5
2 Quick Rinse		LEL (<10%)	#1 0 #2	#3#4#5
3 Cold, Water Rinse		CO ² (<35 ppm)	#1_6 #2	
4 Hot Water Rinse		Toxic Vapor) ^{#1} _/) #2	#3 #4 #5
5 Steam Only (Per Hour)		Signature:	<u> </u>	
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse &	Dry	Comments:		
9 Caustic Wash & Dry				
10 Caustic Wash, Rinse & I			green in	
11 Waste Water Surcharge	the state of the s	The state of the s	A STATE OF THE STA	
12 Solvent Wash (Diesel # I		· .		
13 Solvent Wash (Stripper)				
14 Exterior Tractor Wash	/o Internal\			
15 Exterior Trailer Wash (w/				
16 Exterior Trailer Wash (wi		Authorized Addit	ional Services	
18 Hand Labor (# Men / # H		- Addition20d Additi	——————————————————————————————————————	
19 Hydroblaster (# Hours)	riodis)			
20 Solvent Wash (Green St	trinner)			<u> </u>
21 Passivation	ипропу			
Hose Cleaning				
Pump Cleaning		CES Environmental Serv	rices, Inc., Cleaning Division,	makes no guarantees with respect to the otal elimination of interior residues and/or
Cleaned By:	P. Date 7-4-09	moisture. Final inspection of release CES Environmental from any allegations that CES Environmental S	the equipment remains the n Services, Inc., Cleaning Divi t the equipment was imprope	esponsibility of the customer, and they hereby sion, from any responsibility for claims arising rify cleaned, resulting in damage or loss. on, is in no manner responsible for any
Inspected By:	Date	Print Name:	j	Date
		Signature:		

nvironmental Services
ner / Tank Cleaning Division
Griggs Rd. Houston, TX 77021
Phone: (713) 676-1460 Fax: (713) 676-1676

PO#	Customer:		Date:
T	JANG		6/27/07
Tractor 4/2 3	Address:		Time:
- 29			11:39 Am.
Trailer / Container Numb	er Dropped By:		Need By:
1561	Harland Cake		
CONTAINER TYPE:	TOTE BIN ROLL DOOR BOX		DRY BULK
TANK TRAILER	ROLL TARP BOX VACUUM BOX		
Compartment #	Last Contained	Heel - Hazardous Heel - Non-Haz	Drum / Rolloff
1HDI			
2	P		
3 <	61 - 01		
4			
5			
CLEANING CODES	WORK PERFORMED	TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.5%) #\$\(\frac{1}{2} \) \(\frac{1}{2} \)	#3 #4 #5
2 Quick Rinse		LEL (<10%) #1 <i>0</i> #2	#3 #4 #5
3 Cold Water Rinse	· · · · · · · · · · · · · · · · · · ·		#3 #4 #5
4 Hot Water Rinse		Toxic Vapor #1 #2	#3#5
5 Steam Only (Per Hou)	Signature	
6 Steam & Dry		Stripper Usage:	
7 Rinse, Steam & Dry			
8 Detergent Wash, Rins	e & Dry	Comments:	
9 Caustic Wash & Dry			
10 Caustic Wash, Rinse	& Dry		
11 Waste Water Surcha	rge 🗸		
12 Solvent Wash (Diese	el # Hours)		
13 Solvent Wash (Stripp	per)		
14 Exterior Tractor Was	h		
15 Exterior Trailer Wash	(w/o Internal)		
16 Exterior Trailer Wash	(with Internal)	·	
17 Exterior Acid Brite W	/ash	Authorized Additional Services:	
18 Hand Labor (# Men	/ # Hours) /		
19 Hydroblaster (# Hou	rs)		· · · · · · · · · · · · · · · · · · ·
20 Solvent Wash (Gree	n Stripper)		
21 Passivation			
Hose Cleaning			
Pump Cleaning Cleaned By:	12.51, Date $6-30-0$	CES Environmental Services, Inc., Cleaning Division thoroughness of the tank washing procedure or the moisture. Final inspection of the equipment remains the release CES Environmental Services, Inc., Cleaning Division any allegations that the equipment was improper CES Environmental Services, Inc., Cleaning Division	total elimination of interior residues and/or responsibility of the customer, and they hereb ision, from any responsibility for claims arisin erly cleaned, resulting in damage or loss.
		damages or losses of equipment and/	r materials left in their yard.
Inspected By:	Date	Print Name:	Date
		i ilit Name.	Date
		Signature:	
	and the second of the second o		

ronmental Services

Friggs Rd. Houston, TX 77021

Frone: (713) 676-1460 Fax: (713) 676-1676

PO # Cus	stomer: File Bile	J		Date: (2-30-9
Tractor Add	dress:			Time:
Trailer / Container Number Dro	pped By:			Need By:
CONTAINER TYPE: TOTAL	E BIN ROLL DOOR BOX	☐ ISO CONTA	INER [DRY BULK
TANK TRAILER R	DLL TARP BOX	☐ FRAC TANK	POLY TAN	K VACUUM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Rolloff
1 Flamon liquid	-Wax		· · · · · · · · · · · · · · · · · · ·	
2				
3				
4				
5				
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry		Oxygen (19.5% -23.5%	#R010#2	#3 #4 #5
2 Quick Rinse		LEL (<10%)	#1 <u>1)</u> #2	#3 #4 #5
3 Cold Water Rinse		CO ² (<35 ppm)	#1_0#2	#3#4#5
4 Hot Water Rinse		Toxic Vapor) #1_ /) #2	#3 #4 #5
5 Steam Only (Per Hour)		Signature:	}	
6 Steam & Dry		Stripper Usage:		
7 Rinse, Steam & Dry				
8 Detergent Wash, Rinse & Dry		Comments:	naust.	c wash
9 Caustic Wash & Dry			N. T. C.	
10 Caustic Wash, Rinse & Dry				
11 Waste Water Surcharge			•	en e
12 Solvent Wash (Diesel # Hou	irs)			
13 Solvent Wash (Stripper)	*			
14 Exterior Tractor Wash				
15 Exterior Trailer Wash (w/o Ir	iternal)			
16 Exterior Trailer Wash (with I	nternal)			
17 Exterior Acid Brite Wash		Authorized Addition	onal Services: 	
18 Hand Labor (# Men / # Hou	rs)			
19 Hydroblaster (# Hours)				
20 Solvent Wash (Green Stripp	er)		- <u>-</u>	
21 Passivation				
Hose Cleaning				
Pump Cleaning	-7 - 2 0	thoroughness of the tank v moisture. Final inspection of the	vashing procedure or the to e equipment remains the re	makes no guarantees with respect to the otal elimination of interior residues and/or esponsibility of the customer, and they hereby sion, from any responsibility for claims arising only cleaned, resulting in damage or loss.
Cleaned By:	Date / 0 9	CES Environmental Ser damages or	vices, Inc., Cleaning Division losses of equipment and/o	on, is in no manner responsible for any r materials left in their yard.
Inspected By:	Date	Print Name	St (0182	Date (30/09
		Signature:	udu	<u>Date < /3 </u>

✓ ironmental Services

✓ Tank Cleaning Division

✓ Tiggs Rd. Houston, TX 77021

✓ ne: (713) 676-1460 Fax: (713) 676-1676

PO #	Customer:	Date:/	
	FireBild		
Tractor 13	Address:	Time:	
Trailer / Container Number	Pr Dropped By:	Need By:	
CONTAINER TYPE:	TOTE BIN ROLL DOOR BOX	☐ ISO CONTAINER ☐ DRY BULK	-
TANK TRAILER	☐ ROLL TARP BOX ☐ VACUUM BO		TRUCK
Compartment #	Last Contained	Heel - Hazardous Heel - Non-Haz Drum / Rollo	
1 Fort Hock	xylone		
2	7,9		
3			
4			
5			
CLEANING CODES	WORK PERFORMED	TANK ENTRY PERMIT	
1 Aif Dry		Oxygen (19.5% -23.5%) #\$\mathref{Q} \sigma \mathref{D} \mathref{7} #2 #3 #4 #	#5
2 Quick Rinse			#5
3 Cold Water Rinse		•	#5
4 Hot Water Rinse			#5
5 Steam Only (Per Hour)	Signature 3 12	·
6 Steam & Dry		Stripper Usage:	
7 Rinse, Steam & Dry			
8 Detergent Wash, Rins	e & Dry	Comments:	
9 Caustic Wash & Dry			
10 Caustic Wash, Rinse	& Dry	Clean	
11 Waste Water Surcha	rge		•
12 Solvent Wash (Diese	# Hours)	FUR	
13 Solvent Wash (Stripp	er)		
14 Exterior Tractor Wash	1 / / /	JOSF - RONT	
15 Exterior Trailer Wash	(w/o Internal)		
16 Exterior Trailer Wash	(with Internal)		
17 Exterior Acid Brite W	ash	Authorized Additional Services:	
18 Hand Labor (# Men /	# Hours)		
19 Hydroblaster (# Hour	s)		
20 Solvent Wash (Greet	1 Stripper)		
21 Passivation			
Hose Cleaning			
Pump Cleaning		CES Environmental Services, Inc., Cleaning Division, makes no guarantees with resp thoroughness of the tank washing procedure or the total elimination of interior residu moisture. Final inspection of the equipment remains the responsibility of the customer, an release CES Environmental Services, Inc., Cleaning Division, from any responsibility for	es and/or nd they here claims arisi
Cleaned By:	Date 7-2-09	from any allegations that the equipment was improperly cleaned, resulting in damage	e or loss.
Inspected By:	Date	Print Name: Date	
		Signature:Date	_

.nvironmental Services

TANK WASH WORK ORDER

rer / Tank Cleaning Division , Griggs Reh ● Houston, TX 77021 24761 rhone: (713) 676-1460 • Fax: (713) 676-1676 PO# Customer: Date: Tractor Address: Time: Trailer / Container Number | Dropped By: Need By: **CONTAINER TYPE:** TOTE BIN ROLL DOOR BOX ☐ ISO CONTAINER DRY BULK TANK TRAILER ROLL TARP BOX ☐ VACUUM BOX ☐ FRAC TANK POLY TANK ☐ VACUUM TRUCK Compartment # **Last Contained** Heel - Hazardous | Heel - Non-Haz Drum / Rolloff 3 **CLEANING CODES WORK PERFORMED** TANK ENTRY PERMIT Oxygen (19.5% -23.5%) #1 42 #2 #3 1 Air Dry #5 2 Quick Rinse #1______#3____ LEL (<10%) CO² (<35 ppm) #1_______ #2______ 3 Cold Water Rinse #3 **Toxic Vapor** #3 4 Hot Water Rinse Signature: 5 Steam Only (Per Hour) Stripper Usage: 6 Steam & Dry 7 Rinse, Steam & Dry AUST: 0-Comments: 8 Detergent Wash, Rinse & Dry 9 Caustic Wash & Dry 10 Caustic Wash, Rinse & Dry 11 Waste Water Surcharge 12 Solvent Wash (Diesel # Hours) 13 Solvent Wash (Stripper) **Exterior Tractor Wash** 15 Exterior Trailer Wash (w/o Internal) 16 Exterior Trailer Wash (with Internal) **Authorized Additional Services:** 17 Exterior Acid Brite Wash 18 Hand Labor (# Men / # Hours) 19 Hydroblaster (# Hours) 20 Solvent Wash (Green Stripper) 21 Passivation Hose Cleaning CES Environmental Services, Inc., Cleaning Division, makes no guarantees with respect to the thoroughness of the tank washing procedure or the total elimination of interior residues and/or more interior interior residues and/or more interior. Final inspection of the equipment remains the responsibility of the customer, and they hereby release CES Environmental Services, Inc., Cleaning Division, from any responsibility for claims arising from any allegations that the equipment was improperly cleaned, resulting in damage or loss. **Pump Cleaning** Date 7-3-09 CES Environmental Services, Inc., Cleaning Division, is in no manner responsible for any damages or losses of equipment and/or materials left in their yard. Cleaned By:_ Inspected By:_ Date Print Name:

Signature:

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021*
Phone: (713) 676-1460 • Fax: (713) 676-1676

<u> </u>					
PO # Customer:	TTS			Date:	2001
Tractor Address:	+10			Time:	2.0
151		· · · · · · · · · · · · · · · · · · ·		12:	20
Trailer / Container Number Dropped E	By:			Need By:	
7202	recay 6			L ASA	71
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK	
☐ TANK TRAILER ☐ ROLL TAR	RP BOX	☐ FRAC TANK	POLY TAN	K 🔲 VACU	UM TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / F	Rolloff
1 Method	NATER				
2					
3		E-87.			
4					
5	<u></u>				-
CLEANING CODES	WORK PERFORMED		TANK ENTRY F	PERMIT	
1. Air Dry		Oxvoen (19.5% -23.59	%) #12 #2		#5
2 Quick Rinse		LEL (<10%)	#1		
3 Cold Water Rinse		CO ² (<35 ppm)	#1		#5
4 Hot Water Rinse		Toxic Vapor	#1_7 #2	#3 #4	#5
5 Steam Only (Per Hour)		Signatur € : <u></u>			 ,
6 Steam & Dry		Stripper Usage:			
7 Rinse, Steam & Dry		1			
8 Detergent Wash, Rinse & Dry		Comments:			
9 Caustic Wash & Dry	1				
10 Caustic Wash, Rinse & Dry		1			
11 Waste Water Surcharge		1			
12 Solvent Wash (Diesel # Hours)		4.			المريد من المريد المريد المريد المريد المريد المري المريد المريد المري
13 Solvent Wash (Stripper)					
14 Exterior Tractor Wash					
15 Exterior Trailer Wash (w/o Internal)		1			
16 Exterior Trailer Wash (with Internal)					
17 Exterior Acid Brite Wash		Authorized Addit	ional Services:		
18 Hand Labor (# Men / # Hours)		1			
19 Hydroblaster (# Hours)					
20 Solvent Wash (Green Stripper)					 .
21 Passivation			- p		
Hose Cleaning					
Pump Cleaning		CES Environmental Serv	ices, Inc., Cleaning Division, washing procedure or the to	makes no guarantees wit	th respect to the
Cleaned By:	P Date 6 30-09	moisture. Final inspection of release CES Environmental from any allegations that CES Environmental S	the equipment remains the re	esponsibility of the custom sion, from any responsibility cleaned, resulting in d on, is in no manner respo	ner, and they hereby ity for claims arising amage or loss.
Inspected By:	Date	Print Name:	oldy O.	Date_6	-30- 0 9
		Signature:	rodal I)	

Environmental Services

rainer / Tank Cleaning Division

-04 Griggs Rd. • Houston, TX 77021

Chone: (713) 676-1460 • Fax: (713) 676-1676

Entra de la companya			<u> </u>
PO # C	Customer:	Date:	
	1/5		9
Tractor / 2 G	Address:	Time:	
Trailer / Container Number D	Oropped By:	Need By:	······································
LI 1266	Francisco		
	OTE BIN ROLL DOOR BOX		
	ROLL TARP BOX	·	TRUCK
Compartment #	Last Contained	Heel - Hazardous Heel - Non-Haz Drum / Rollo	
1 Alcohol			
2 10 611			
3 IN 6 K			
4			
5			
CLEANING CODES	WORK PERFORMED	TANK ENTRY PERMIT	
1 Air Dry			15
2 Quick Rinse			‡5
3 Cold Water Rinse			ŧ5
4 Hot Water Rinse			ŧ5
5 Steam Only (Per Hour)		Signature: 5	
6 Steam & Dry		Stripper Usage:	
7 Rinse, Steam & Dry			
8 Detergent Wash, Rinse & D	Dry	Comments:	420
9 Caustic Wash & Dry			
10 Caustic Wash, Rinse & Dr	ry		and the second
11 Waste Water Surcharge			
12 Solvent Wash (Diesel # H	lours)		
13 Solvent Wash (Stripper)			
14 Exterior Tractor Wash			1. T
15 Exterior Trailer Wash (w/o	Internal)		
16 Exterior Trailer Wash (with	h Internal)		
17 Exterior Acid Brite Wash		Authorized Additional Services:	
18 Hand Labor (# Men / # Ho	ours)		
19 Hydroblaster (# Hours)			
20 Solvent Wash (Green Stri	ipper)		
21 Passivation			
Hose Cleaning			
Pump Cleaning	——————————————————————————————————————	CES Environmental Services, Inc., Cleaning Division, makes no guarantees with resp thoroughness of the tank washing procedure or the total elimination of interior residue moisture. Final inspection of the equipment remains the responsibility of the customer, an release CES Environmental Services, Inc., Cleaning Division, from any responsibility for from any allegations that the equipment was improperly cleaned, resulting in damage	d they hereby daims arising
Cleaned By:	J.K. Date 7-2-09	CES Environmental Services, Inc., Cleaning Division, is in no manner responsible damages or losses of equipment and/or materials left in their yard.	
Inspected By:	Date	Print Name: Date	
		Signature:	

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-147

DO #	I O : reterment	<u> </u>				I Data:	7	- /-
PO# 5344/1/	Customer:	75				Date:	100	109
Tractor 15	Address:					Time:	45	= ,
Trailer / Container Number	Dropped By	/ :				Need (
	TOTE BIN	ROLL DOG	OR BOX	ISO CONTA	AINER DOLY TAN	DRY E		JM TRUCK
Compartment #		ast Contained			Heel - Non-Haz	T	Drum / R	
J 1 1	· · · · · · · · · · · · · · · · · · ·	asi Contained		ieei - Hazardous	11001-11011-1102	<u> </u>	Diulii / II	Ollon
1 Xy /JA/	· · · · · · · · · · · · · · · · · · ·				· · · · · · · · · · · · · · · · · · ·	*		
2 /			·		· · · · · · · · · · · · · · · · · · ·			
3				· · · · · · · · · · · · · · · · · · ·				-
4			·	<u>,</u>	· · · · · · · · · · · · · · · · · · ·			
5	 _							
CLEANING CODES	····	WORK PERFO	DRMED		TANK ENTRY		Г	
1 Air Dry			<u></u>	Oxygen (19.5% -23.5%				#5
2 Quick Rinse				LEL (<10%)	#1 #2		#4	
3 Cold Water Rinse				CO ² (<35 ppm)	#1_0_#2		#4	#5
4 Hot Water Rinse			······	Toxic Vapor	#1_0_#2	#3	#4	#5
5 Steam Only (Per Hour)					<i></i>			
6 Steam & Dry				Stripper Usage:	1			
7 Rinse, Steam & Dry			·					
8 Detergent Wash, Rinse	& Dry			Comments:			· V.	1
9 Caustic Wash & Dry								
10 Caustic Wash, Rinse &	ያ Dry							
11 Waste Water Surcharg	je		-					
12 Solvent Wash (Diesel	# Hours)		- * * s				* *	
13 Solvent Wash (Strippe	er)							
14 Exterior Tractor Wash								
15 Exterior Trailer Wash (w/o Internal)							
16 Exterior Trailer Wash (•					
17 Exterior Acid Brite Wa				Authorized Additi	onal Services:	'''''''''		
18 Hand Labor (# Men / #					_			
19 Hydroblaster (# Hours							· · · · · · · · · · · · · · · · · · ·	
20 Solvent Wash (Green								
21 Passivation	Outpper/				· · · · · · · · · · · · · · · · · · ·			
Hose Cleaning	(3)	//						
				CES Environmental Servi	ces, Inc., Cleaning Division	n, makes no g	uarantees with	n respect to the
Pump Cleaning Cleaned By: 57		Date 7 6	9	thoroughness of the tank moisture. Final inspection of t release CES Environmental 5 from any allegations that	washing procedure or the	total eliminati responsibility rision, from ar erly cleaned,	on of interior re of the custom responsibility resulting in da	esidues and/or er, and they here by for claims arisi image or loss.
		Date		damages o	r losses of equipment and/	or materials le	oft in their yard	l.
Inspected By:		Date						

CES Environmental Services
Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PØ#	Customer:				Date:
	Patk	OLEUM EX	22 mar. CC		6-25-00
Tractor	Address:	3 6 C 0000 C	PIOCIS		Time: 1/30 PM
		**			120000
Trailer / Container Numb	per Dropped By:				Need By:
1318	bei Diopped by:				6-26-09-10:00 A
CONTAINER TYPE:	TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK
TANK TRAILER	ROLL TARP		☐ FRAC TANK	POLY TAN	_
Compartment #		st Contained	Heel - Hazardous		Drum / Rolloff
1 lube D	, 1		-	\	* * *
2					
3					
4				- 11 	
5	Va				
CLEANING CODE	S	WORK PERFORMED		TANK ENTRY	PERMIT
1 Air Dry			Oxygen (19.5% -23.5	%) #12 on 10 #20 1	/ #32010#4 #5
2 Quick Rinse			LEL (<10%)	#1_0_#2_#	#3_0#4 #5
3 Cold Water Rinse			CO ² (<35 ppm)	#1_#2_7	#3 Ac1U#4#5 _#3_ Q _#4#5
4 High Water Rinse			Toxic Vapor	#1 -y #2_7	#3 #4 #5
St. (Eligan Gilly (Pay Flax	4)		☐ Signature — Ω		
6 Steam & Dry			Stripper Usage:		
7 Rinse, Steam & Dry					
8 Detergent Wash, Rin	se & Dry		Comments:		
9 Caustic Wash & Dry					
10 Caustic Wash, Rins	e & Dry				
11 Waste Water Surch	arge				
12 Solvent Wash (Dies	el# Hours)				
13 Solvent Wash (Strip	pper)		¥ ¹	# 4 L	
14 Exterior Tractor Was	s h				
15 Exterior Trailer Was	h (w/o Internal)				
16 Exterior Trailer Was	h (with Internal)				
17 Exterior Acid Brite	<i>N</i> ash		Authorized Addit	ional Services:	
18 Hand Labor (# Men	/# Hours)				
19 Hydroblaster (# Hou	urs)		·		
20 Solvent Wash (Gree	en Stripper)		<u>į</u>		
21 Passivation					
Hose Cleaning					
Pump Cleaning Cleaned By:		Date 16-09	thoroughness of the tan moisture. Final inspection of release CES Environmental from any allegations tha	k washing procedure or the t the equipment remains the r Services, Inc., Cleaning Divi t the equipment was improp	, makes no guarantees with respect to the otal elimination of interior residues and/or esponsibility of the customer, and they hereby sion, from any, responsibility for claims arising erly cleaned, resulting in damage or loss. ion, is in no manner responsible for any
Oleaned Dy.		- Daid		or losses of equipment and/o	
Inspected By:		Date	Print Name	SITE Rose	Car Date 4553
			Signature: Can	ank	

CPS Environmental Services

Container / Tank Cleaning Division
4904 Griggs Rd. • Houston, TX 77021
Phone: (713) 676-1460 • Fax: (713) 676-1676

PO #	Customer:	Date; /	
	Tetro. Express	7/1/07	
Tractor	Address:	Time:	
Trailer / Container Numb	er Dropped By:	Need By:	
CONTAINER TYPE:	TOTE BIN ROLL DOOR BOX	☐ ISO CONTAINER ☐ DRY BULK	
TANK TRAILER	ROLL TARP BOX VACUUM BOX	X POLYTANK VACUUM TE	RUCK
Compartment #	Last Contained	Heel - Hazardous Heel - Non-Haz Drum / Rolloff	
1 karpa			FINE V
2 1.1.1.			
3			
4			
5			
CLEANING CODES	WORK PERFORMED	TANK ENTRY PERMIT	
1 Air Dry		Oxygen (19.5% -23.5%) #20.0 7 #20.01 #20.0 1#4 #5	
2 Quick Rinse		LEL (<10%) #1_ <i>D</i> #2_ <i>1</i> #3_ <i>O</i> #4 #5_	
3 Cold Water Rinse			
4 Hot Water Rinse		Toxic Vapor #1 0 #2 #3 0 #4 #5	
5 Steam Only (Per Hour)	Signature: 1 K	<u> </u>
6 Steam & Dry		Stripper Usage:	1. 1.
7 Rinse, Steam & Dry			
8 Detergent Wash, Rins	e & Dry	Comments:	
9 Caustic Wash & Dry			
10 Caustic Wash, Rinse			
11 Waste Water Surcha			
12 Solvent Wash (Diese	. 		
13 Solvent Wash (Stripp			
14 Exterior Tractor Wasl			í
15 Exterior Trailer Wash			
16 Exterior Trailer Wash	,`		
17 Exterior Acid Brite W		Authorized Additional Services:	
18 Hand Labor (# Men /			
19 Hydroblaster (# Hou			
20 Solvent Wash (Green	n Stripper)		
21 Passivation			
Hose Cleaning		CES Environmental Services, Inc., Cleaning Division, makes no guarantees with respec	440 440
Pump Cleaning		the continuous services, inc., cleaning privision, makes no guarantees with respect thoroughness of the tank washing procedure or the total elimination of interior residues moisture. Final inspection of the equipment remains the responsibility of the customer, and the release CES Environmental Services, Inc., Cleaning Division, from any responsibility for claim from any allegations that the equipment was improperly cleaned, resulting in damage or	and/or they here tims arisi
Cleaned By:	Date 7-1-09	CES Environmental Services, Inc., Cleaning Division, is in no manner responsible for damages or losses of equipment and/or materials left in their yard.	any
Inspected By:	Date	Print Name: Date	
		Signature:	

Criggs Ro. Houston, TX 77021 ne: (713) 676-1460 • Fax: (713) 676-1676

PO # Customer:	T. de Po	01-	<u> </u>	Date: 09-	9
Tractor 939 Address:				(0 29- Time: 6:0	open
Trailer / Container Number Dropped B	Michael C. 1	Parsons		Need By:	
CONTAINER TYPE: TOTE BIN	ROLL DOOR BOX	☐ ISO CONT	AINER [DRY BULK	: 1
TANK TRAILER ROLL TAF	RP BOX	☐ FRAC TANK	POLY TAN	VACUUN	M TRUCK
Compartment #	Last Contained	Heel - Hazardous	Heel - Non-Haz	Drum / Ro	lloff
1-588					
2		1 Page 1			
3	1		· .		* 1.1.
4					
5					
CLEANING CODES	WORK PERFORMED		TANK ENTRY	PERMIT	
1 Air Dry)	Oxygen (19.5% -23.59	6) #12 - 10 #2	#3 #4	#5
2 Quick Rinse		LEL (<10%)	#1_0 #2	_ #3 #4	#5
3 Cold Water Rinse		CO ² (<35 ppm)	#1_2 #2	#3 #4	#5
4 Hot Water Rinse		Toxic Vapor	_#1_ <i>D</i> #2	#3 #4	_ #5
5 Steam Only (Per Hour)		Signature:	¥		
6 Steam & Dry		Stripper Usage:		The state of the s	'''
7 Rinse, Steam & Dry					akine
8 Detergent Wash, Rinse & Dry		Comments:			
9 Caustic Wash & Dry				y y menenya Panjakang	
10 Caustic Wash, Rinse & Dry					
11 Waste Water Surcharge					
12 Solvent Wash (Diesel # Hours)					
13 Solvent Wash (Stripper)		1 .			
14 Exterior Tractor Wash		*			
15 Exterior Trailer Wash (w/o Internal)		1			
16 Exterior Trailer Wash (with Internal)				·	
17 Exterior Acid Brite Wash	*	Authorized Addit	ional Services:	Sec.	
18 Hand Labor (# Men / # Hours)			<u> </u>		
19 Hydroblaster (# Hours)				-	
20 Solvent Wash (Green Stripper)				***	
21 Passivation					
Hose Cleaning			i ege≛ier		
Pump Cleaning		thoroughness of the tank moisture. Final inspection of release CES Environmental	washing procedure or the to the equipment remains the re Services, Inc., Cleaning Divis	makes no guarantees with re stat elimination of interior resi esponsibility of the customer, sion, from any responsibility in	dues and/or and they hereby or claims arising
Cleaned By: C.P.	Date 6-30-07	CES Environmental S		rry cleaned, resulting in dame on, is in no manner responsit r materials left in their yard.	
Inspected By:	Date	Print Name: ///	cha / C.	ursupDate 6	2 9 ch
		Signature: M		Parm	

EPAHO082001239

PROFILES Waiting on Approval/Cust.

	Drown	ir 1-21-09 unufacturing 1-2909
	Ficial	R 1-21-01
	THE TYPE	Inufacturing 1-2909
	Sma	bage (2rd) 1-22-09
	yer	1001
Restricts		
Simple April and discussion		
\$-\$4.F		
	110	
		- · · · · · · · · · · · · · · · · · · ·
		www.hpprecyles.com • 281-487-0769
		www.ipprocytes.com ▼ 201~407~0709

Needs waste code Class I



4904 Griggs Road Phone: (713) 676-1460 Houston, TX 77021 Fax: (713) 676-1676

http://www.cesenvironmental.com

TCEQ Industrial Solid Waste Permit No: 30948 U.S. EPA ID No: TXD008950461 ISWR No: 30900

SECTION 1: Gener	ator Information	on	···											
Company :	GATX (Plant	tersville)			,								
Address :	13018 Hwy	105	,											
City, State, Zip :	Plantersville	TX 773	63											
Contact :	Terry Nale							Title :						
Phone No :	(936) 894-34	483						Fax:	(93	6) 894	-3517			
24 / HR Phone :														
U.S EPA I.D No :	TXR000042	739						_						
State I.D :	86778							SIC Cod	le					
•														
SECTION 2: Billing	Information													
Company :	GATX (Plant	tersville)											
Address :		PC	Box 4	10										
City, State, Zip :	Plantersville	TX 773	63											
Contact :	Terry Nale							Title :						
Phone No :	(936) 894-34	483						Fax:	(93	6) 894	-3517			
SECTION 3: Gener	al Description	of the V	Vaste											
Name of Waste :														
Detailed Descrip	tion of the P	rocess	Genera	ntina W	aste									
Kitty litter absorbe				_		a up spil	ls and l	eaks of lu	bricati	na oils	in mach	nine sho	DS.	
						y p p				9			•	
Physical State :	III Liqui	id .		∭ Slu	idge		Po	wder						
	✓ Solid	l		File	er Cake		Co	mbination)					
Color :			1	Brown	1	Od	lor :					None		
Specific Gravity	(Water=1) :			AN		De	nsity :				15		1	bs / gal
Does this material	contain any to	tal pher	rolic co	mpound	s?	☐ Ye	es	√ No						
Does this material	contain any pa	ara subs	tituted	phenolic	compo	unds?	[Yes		∅ No	٠			
s the Waste subject	ct to the benze	ne was	te opera	tion NE	SHAP? (40 CFR	Part 61,	Subpart F	F)		Yes	\checkmark	No	
2812 2813 2	2816 2819	2821	2822	2823	2824	2833	2834	2835	2836	2841	2842	2843	2844	2851
2861 2865 2	2869 2873	2874	2876	2879	2891	2892	2893	2896	2899	2911	3312	4953	4959	9511
Layers :	✓ Sing	le-Pha	3	∭ Mu	ılti-Pha	se								As -
Container Type :	Drun	n 🏻] 1	Tote		Truck		Other (e	xplair	n)				
Container Size :	55	f												
Number Of Units	: 1-1	0	-											
Is this a USEPA "I	Hazardous Wa	aste" pe	er 40 CF	R 261.3	3?		Yes	✓ No						
If "Yes", then pl	ease complete,	sign and	date th	e Underl	ying Haz	ardous C	onstitue	nts Form at	ttached	hereto				
	D001	D002		D003										

Characteristic for Toxic Metals:	□ D004 □ D0	D006 🗌	D007	
	□ D008 □ D0	D09 D010 D	D011	
Characteristics for Toxic Organ	ics: D012 thru D043 (p	please list all that apply)		
Is this an "F" or "K" Listed was	te or mixed with one?	Yes No		
If "Yes", then please list ALI	L applicable codes:			
Is this a commercial product or 261.33(e) or (f)?	spill cleanup that wou	ıld carry a "U" or "P" was	te code under 40 CFR	Yes 🗸 No
If "Yes", then please list AL	L applicable codes:	The state of the s		
Texas State Waste Code No :				
Proper U.S. State Waste Code	No: No	n-RCRA/Non-DOT Regu	lated Material (Absorbent/F	loor Sweep)
Class: na	UN/NA: na	PG:	na	RQ: na
Flash Point	рН	Reactive Sulfides	Reactive Cyanides	Solids
<i>N</i> A	NA .	namg/l	namg/l	
Oil and Grease	тос	Zinc	Copper	Nickel
> 500 mg/l	na mg/l	na mg/l	na mg/l	na mg/l
SECTION 4: Physical and Chemica	al Data			
SECTION 4. Physical and Chemic	The state of the s		Concentrati	on Units
	es consists of the fol		Ranges are acce	
7,2	absorbent		95-100	%
	oil		4-5	%
	citri-el	ean (see MSDS)	1-2	%
SECTION 5: Safety Related Data				
If the handling of this waste re	quires the use of spe	cial protective equipme	nt, please explain.	
standard	•	•		
	_			
SECTION 6: Attached Supporting	7. 2.			
List all documents, notes, data citri-clean MSDS	i, and/or analys is atta	iched to this form as pa	rt of the waste approval p	ackage.
SECTION 7: Incompatibilities	e de la companya de l			
Please list all incompatibilities	(if any):			
oxidizers	, (<u></u>),.			
•				
SECTION 8: Generator's Knowledg	e Documentation			
Laboratory analysis of the haz	ardous waste charac	teristics, listed below, V	VAS NOT PERFORMED ba	sed upon the
TCLP Metals :				
TCLP Volatilies :		÷		
TCLP Semi-Volatiles : X				•
Reactivity:				
ineactivity.		2		
		_		

lgnitab	ility: X
SECTIO	DN 9: Waste Receipt Classification Under 40 CFR 437
ls this r	material a wastewater or wastewater sludge ?
If 'YES'	, complete this section
PLEAS	SE CHECK THE APPROPRIATE BOX: IF NO APPROPRIATE CATEGORY, GO TO THE NEXT PAGE
Matals	Subcategory: Subpart A
	Spent electroplating baths and/or sludges
	Metal finishing rinse water and sludges
	Chromate wastes
	Air pollution control blow down water and sludges
	Spent anodizing solutions
	Incineration wastewaters
	Waste liquid mercury
	Cyanide-containing wastes greater than 136 mg/l
	Waste acids and bases with or without metals
	Cleaning, rinsing, and surface preparation solutions from electroplating or phospha
	Vibratory deburring wastewater
	Alkaline and acid solutions used to clean metal parts or equipment
Oils Su	ubcategory: Subpart B
	Used oils
	Oil-water emulsions or mixtures
	Lubricants
	Coolants
	Contaminated groundwater clean-up from petroleum sources
	Used petroleum products
	Oil spill clean-up
	Bilge water
	Rinse/wash waters from petroleum sources
	Interceptor wastes
	Off-specification fuels
	Underground storage remediation wastes
	Tank clean-out from petroleum or oily sources
	Non-contact used glycols
	Aqueous and oil mixtures from parts cleaning operations
	Wastewater from oil bearing paint washes
	ics Subcategory Subpart C
	Landfill leachate
	Contaminated groundwater clean-up from non-petroleum sources
	Solvent-bering wastes
	Off-specification organic product
	Still bottoms
	Byproduct waste glycol
	Wastewater from paint washes
	Wastewater from adhesive and/or epoxies formulation
ً لــا	Wastewater from organic chemical product operations

Corrosivity:

('')	If the waste contains oil and grease at or in excess of 100 mg/L, the waste	e should be classified in the oils subcategory
(2)	If the waste contains oil and grease less than 100 mg/L, and has any of the excess of the values listed below, the waste should be classified in the me	
	Cadmium: 0.2 mg/L	
	Chromium: 8.9 mg/L	
	Copper: 4.9 mg/L Nickel: 37.5 mg/L	
(3)	If the waste contains oil and grease less than 100 mg/L, and does not have or nickel above any of the values listed above, the waste should be classified.	
	☐ Metals Subcatego	
	☐ Oils Subcatego	
	☐ Organics Subcategory	
SE	ECTION 10: Additional Instruction	
COL	ncentrations. This will be prior to acceptance. The generator will be respons	sible for the cost of the analysis
SE Th ab	ECTION 11: Generator's Certification le information contained herein is based on generator knowledge above and attached description is complete and accurate to the best of reliberate or willful omissions of composition properties exist and that a religion of the certification of all most religions.	and/or analytical data. I hereby cerity that the many knowledge and ability to determine that no all known or suspected hazards have been
SE Th ab	e information contained herein is based on generator knowledge a ove and attached description is complete and accurate to the best of r	and/or analytical data. I hereby cerity that the many knowledge and ability to determine that no all known or suspected hazards have been
SE Th ab de dis	e information contained herein is based on enerator knowledge a cove and attached description is complete and accurate to the best of reliberate or willful omissions of composition properties exist and that a	and/or analytical data. I hereby cerity that the many knowledge and ability to determine that no all known or suspected hazards have been
SE Th ab de de dis	te information contained herein is based on generator knowledge a love and attached description is complete and accurate to the best of reliberate or willful omissions of composition properties exist and that a sclosed. I certify that the materials tested are representative of all materials.	and/or analytical data. I hereby cerity that the my knowledge and ability to determine that no all known or suspected hazards have been erials described by this document.
SE Th ab dei dis	te information contained herein is based on generator knowledge a love and attached description is complete and accurate to the best of reliberate or willful omissions of composition properties exist and that a sclosed. I certify that the materials tested are representative of all materials described Signature:	and/or analytical data. I hereby cerity that the my knowledge and ability to determine that no all known or suspected hazards have been erials described by this document.
SE Th ab de dis	te information contained herein is based on generator knowledge a cove and attached description is complete and accurate to the best of reliberate or willful omissions of composition properties exist and that a sclosed. I certify that the materials tested are representative of all materials described Signature :	and/or analytical data. I hereby cerity that the my knowledge and ability to determine that no all known or suspected hazards have been erials described by this document. Date:
SE Th ab de dis	te information contained herein is based on generator knowledge a cove and attached description is complete and accurate to the best of reliberate or willful omissions of composition properties exist and that a sclosed. I certify that the materials tested are representative of all materials described Signature: Tinted Name / Title: ES USE ONLY (DO NOT WRITE IN THIS SPACE)	and/or analytical data. I hereby cerity that the my knowledge and ability to determine that no all known or suspected hazards have been erials described by this document. Date:

Tank clean-out from organic, non-petroleum sources

MATERIAL SAFETY DATA SHEET

1: CHEMICAL PRODUCT IDENTIFICATION

Product Name:

Manufactured for.

Lawson Screen Products, Inc. 5110 Penrose Street, Saint Louis, MO 83115 USA

General Information:

314-644-1300

Emergency Phone:

CHEMTREC 1-800-424-9300

June 1, 2006

MSDS Dite: 2: COM POSITION, INFORMATION ON INGREDIENTS

		OSHA PEL/TWA	OSHA STEL	ACGIH TLV	ACGIH STEL
Limonene	5 989-2 7-5	100 ppm	NE	100 ppm	NE
Alkylerylethoxylete	68412-54-4	300 ppm	NE	300 ppm	NE

2: HAZAMM INSTITUTION IN EMERGENCY RESPONSE INFORMATION

Hazarda: MARANTPA-Toxicity=1, Fin=2, Rescivity=1 HEALTH EFFECTS FROM CVEREXPOSURE

Primary Roules of Exposu

Eye Contact: Direct contact with material can cause severe irritation, pain and corneal injury.

Skin Contact: May assum irritation with prolonged or repeated contact.

Removes netural elle and fets from side.

Inhelation: Inhelation of mist or apray can occurs irritation to nose, throat and lungs, and higher consentrations may cause headaches, necess, dizziness, drawelness and other central nervous system effects. Ingestion: This material is of a law order of toxicity. It may occurs handache, district, metaphoratical distress.

4: PROFINE MALESTAN

4: PRET AND ANALYSIS Inheletion: Repetable: Inheletion: Remove subject to fresh etc. Keep subject at rest. If not breathing, give artificial respiration. Obtain medical assistance.

Eye Context: Immediately flush eyes with a large amount of water for at least 15 minutes, famility holding eyelide apart to ensure complete. irrigation of all eye and lid Staues. Remove contact lenses if worn. Consult's phys

Sith Contest: Week affected with grees thoroughly with ecep and water for 16 minutes until no oder remains. If redness or swelling develops, consult a physician. Immediately remove conteminated ciothing and

Ingestion: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERISON. Have person drink several glasses of water. Do not induce vorniting. Keep already clear. Keep subject at rest. Obtain Emergency Medical A

Medical Agention. 6: PIRE PICKTING MEASURES PIRE AND EXPLOSIVE PROPERTIES:

Flesh Point: 1107F TCC = 43.37C

Auto-ignition Temperature: 525?# = 2747C Estimated Lower Explosion Limit: 0.7 % Volume Estimated Upper Explosion Limit: 6.1 % Volume Estimated

Upper Explosion Limit: 6.1 % Volume Estimated
Unusual Hazarda: Combustible liquid; will release invisible vapore that
form combustible mixtures that right ignite or explode under some
conditions. Vapore can revel considerable distances to an ignition course
and final back. Toxic gases will form upon combustion, Meterial will
partially disparse and then float on water. Rage, cloth or cardboard which
is scaled with predist our aporteneously combust. Do not dispose of
colvert gasted materials in an open dumpater of treat our; store in an
approved govered waste can or seak materials with water. Falture to
prevent dispose of easied materials can observe a fine. properly dispose of social materials can cause a fire.

Extinguishing Agests: Water spray, regular foam, dry chemical, carbon dioxide are appropriate. Use extinguishing media appropriate for surrounding media. Avoid appaying water directly into storage containers due to danger of bull-over. Use water apray to cool edjecent fire exposed containers to evoid rupture and apattering.

printed June 1, 2006 MSDS for ID-Citra-Clean Screen Wash

Page 1

E: ACCIDINTAL RELEASE MEASURES Personal Protection: Appropriate protective equipment must be worn when handling a split of this meterial. See the PERSONAL PROTECTION MEASURES Section for recommendations. If exposed to material during claes-up operations, see the PIRST AID PROCEDURES Section for appropriate actions. Procedures: Prevent ignition; stop leak; ventilate eren; keep apastators away; sontain split immediately with thert noncombestible materials (e.g. asynthese split immediately with thert noncombestible materials (e.g. apparata suitable containers for recovery or disposal. CAUTION: Keep apilla and cleaning renoff out of municipal asserts, watercourses and open busiles of water. Use water apray to disperse vapors. 7: HANDLING AND STORAGE Handling: Avaid contact with skin, eyes or clothing. Avaid breathing of mist or waper.
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7: HANDLING AND STORAGE Handling: Avaid contact with skin, eyes or clothing. Avaid breething of
mid or varier
Storage Candillons: Keep away from heat, sperks and open flame.
Protect from storage temperatures above 1207F. Keep in a well
ventilated space that is HPPA Chies 1C. Consult NITPA and ORHA sodies.
Transfer operations must be electrically grounded. Keep Out of Reach of
Children. Store upright in original stood container.
"Empty" certainers retain product residue (tiquid and/or vepor) that our
be dangerous. Empty drame should be completely drained and properly benead and promptly returned to a reconditioner or other proper

disposal.

8: IRIPOBLINE COSTINGLE, PSRSONAL PROTECTION
Respiratory Protestion: A respiratory program meeting CSHA 1910.124
and AMM 258.2 requirements must be followed whenever workplace
conditions vestuate a respirator's use. Use of this product does not require
respiratory protestion under itemsel operating conditions but use of local
extraces ventilation in recontinuanded, especially for confined spaces.
Where vepers or mists may coust, user a MSHA / NCOH approved (or
equivalent) half-mast air purifying respirator. Air purifying respirators
should be equipped with organic veper cartridges and duel and mist
filers.

There.

Eye Protection: Weer chemical spissh goggles (ANSI 287.1 or approved equivalent), or full-fluor shield.

Hand Protection: Weer gloves resistant to solvent permeation: neoprane, stirlie, polyvioyi stochol, viton.

Other Protection: None required.

FACILITY CONTROL MEASURES:

Ventilation: Use with adequate ventilation. Local exhaust ventilation is recommended and explanton equipment to required.

Other Protective Equipment: facilities storing or utilizing this material should be equipped with syswesh and eafety shower facilities.

disposal.

9: PHYSICAL AND CHEMICAL PROPERTIES - TYPICAL

State	Liquid	Vapor Density (Air = 1)	< 1
Chemical Formula	Mixture	Vapor Pressure	< 1 mm Hg @ 20?C
Appearance	Clear	Freezing Point	< -73?C = -100? F
Color	Coloriess to pale amber	Boiling Point	160?C = 320?F initial
Odor	Characteristic citrus	Solubility in Water	emulsifiable
Viscosity	Thin < 5 oSt @ 25?C	Percent Volatility	90%
pH as is	Slightly acidic in water	VOC %	90% = 6.48 Lbs/Gal
Specific Gravity @ 60? F	0.866	Kauri-Butanol Value	> 70
Density @ 60? F	7.2 Lbs/Gel	Refrective Index @ 20? C	1.4735 typical

10: STABLITY AND REACTIVITY

instability: This material is considered stable. Hazandous Decomposition Products: There are no known hazardous decomposition products for this material except for Carbon Dioxide, Carbon Monoxide II burned.

Hazardous Polymerization: This product will not undergo polymerization. Incompetibility: This product is not competible with strong colds and

Incompetioney: 1000 p. Repeated or pretonged contect is triticting. Eye contect is inficiling. Orel concumption is hermful if swellowed.

Pythonogy equivalent can eater lungs and cause domege.

12: UCOLOGICAL RECOMMATION

Toxic to fish and kind expendents.

18: DISPOSAL GOVERNMENTS.

10: DIST CEAL GOVERNMENT OF THE PROCESS OF THE PROC

Limanene), NA1963, PQ III

Emergency Response Guide No.: 27/128

Per 49 CFR 173.180 (f) the hezerdous meterial requirements for non-bulk iging such as drams and palls and passe need not apply except for batck aircraft transportation.

16: RESULATORY BUTCHMATICH

WORKPLACE CLASSIFICATIONS

This product is considered to be hezardous under the OSHA Hezard Communication Standard (29 CFR 1910.1200). This product is a 'controlled' product under the Canadian Workplace Hexardous Materials Information System (Vil-1448).

Class 8 - Division 3; Combustible Liquid

Class D - Division 26

EMERGENCY PLANNING AND COMMUNITY RIGHT - TO KNOW (BARA TITLE HD

Section 311/312 Categorizations (40 CFR 370): This product is a hezerdous materiel under 29 OFR 1910.1200, and therefore is covered by Title III of SARA and is classified into the following hezard outagories: Fire

15: REGULATORY INFORMATION (Continued)

Section 313 Information (45 GFR 372): This product is not a chemical which is listed in Section 313 at or above the de minimis concentrations. CERCLA INFORMATION (40 CFR 302.4); Releases of this material to gir, land or water are not reportable to the National Response Conter under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to the state and tocal emergency planning committees under the Superfued Amendments and Recuthorization Act (SARA) Title III Section 204.

RORA INFORMATION: When a ducision is made to discard this me as supplied, it does most RORA's obsrectaristic definition of ignitability. CHEMICAL CONTROL LAW STATUS: All components of this product are Hated or are excluded from lieting on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance inventory. This Mississ is not considered to be a carcinogen by IARC or NTP. This Mixture is a by product of bean materials that are entirely of natural vegetable origin. Solvent does NOT contain and is NOT manufactured with any of the Clear I or Clear II axone depicting substances feted under the US Clean Air Act of 1980.

(8: OTHER SUPPLEMENTAL IMPORMATION

ABBREVIATIONS

ACGIH American Conference of Governmental Industrial Hygienists

Occupational Sensity and Health Administration Threshold Limit Value AHRO

πV

Permissible Exposure Limit PEL TWA Time Weighlad Averso

Short Term Exposure Limit STEL

BAR **Butyl scateto**

Not Established NE Not Determined ND

Not Applicab

The information contained herein pertains only to the epocific meterial identified. Lawson Sureen Products, i.e., believes that such information and ndations set forth herein are securete and relieble as of the date of thin meterial safety data sheet, but Lawson Borean Products Inc. makes no representation as to the completeness or securely thereof and supplies the information upon the condition that the parasan meeting same will make their own deterministion as to its suitability for their purpose prior to use. In no event will Lawson Gorsen Products, inc. be responsible for any demage of any nature whatsoever resulting from the use of or reliance upon this information. No representation, guerantee or warranty, either express or implied, in made hereunder as to the socuracy, reliability, completaness of the information, of merchantability, of fitness for a particular purpose or of any other nature, with respect to information or the product to which it refers.

Page 3

Mana for ID-Citra-Clean Somen Week printed June 1, 2006

CES Environmental Services, Inc. 4904 Griggs Road Houston, TX 77021 713-676-1460 Main 713-676-1676 Fax

Mr. Mark Sokolow City Attorney City of Port Arthur 444 4th Street, Suite 426 Port Arthur, TX 77640

RE: PACES and Autopsy of Joey Sutter

Dear Mr. Sokolow:

The recent Joey Sutter Autopsy Report released after April 17, 2009, had several incorrect statements and omitted information. Susan Jones at Southeast Texas Forensic Center (Jefferson County Morgue) stated that the sulfhemoglobin in blood test identified on the NMS Labs Report Issued January 20, 2009 had results below testing limits and that the Toxicology Report can be revised to clearly reflect this fact. This biological marker used to indicate hydrogen sulfide exposure reflected no exposure with the low results below testing limits.

The Joey Sutter Autopsy Report did not acknowledge that the NMS Labs Report of January 20, 2009, showed the thiosulfate levels in Mr. Sutter's urine were normal. This is another biological marker for hydrogen sulfide exposure that reflected no excessive exposure.

The NMS Labs Report of March 25, 2009 did not acknowledge the results of the sulfhemoglobin blood test or thiosulfate level in urine report of January 20, 2009. The NMS Labs Report of March 25, 2009, based the hydrogen sulfide poisoning on one thiosulfate test in a blood sample that was 2.5 months old or 1.5 months beyond NMS Labs sample stability limit of one month.

The Joey Sutter Autopsy Report dated April 17, 2009 written by T. Brown is based on the March 25, 2009 NMS Labs Report that omitted information, used an old unstable blood sample, and contained other incorrect information. Both reports state that the site operator was boiling wastewater in a sealed tank (trailer). However, there was not any steam heat available at the site and no other source of heat was being used. The material in the truck trailer was oil not wastewater. (See Attached OSHA Data) Both reports omitted OSHA and PAFD testing that shows no hydrogen sulfide in Joey Sutter's clothes. Both reports

omitted OSHA data showing analysis of the gas head space over the oil sample from the trailer which reported no hydrogen sulfide. (See Attached OSHA Data)

Both reports state that the dome lid was opened by Joey Sutter when in fact the dome lid was not opened at all.

The Joey Sutter Autopsy Report written by T. Brown (04/17/09) states that Mr. Sutter was knockdown and deprived of life due to hydrogen sulfide poisoning. Technical information states that hydrogen sulfide concentrations required to knockdown must be 700 to 1000 ppm. As you can see by the attached information, Mr. Sutter was not alone on the trailer and that his fellow worker's personnel H2S alarm set at 10 ppm never activated. This also places the Sutter Autopsy Report findings in doubt, since the second person on the trailer within two feet did not have any ill effects from hydrogen sulfide, or alarm activiated.

After review of the two biological markers, negative sulfhemoglobin levels in the blood and normal thiosulfate in urine, nearby hydrogen sulfide monitor alarm information, information that nearby workers were not harmed by any hydrogen sulfide, incorrect circumstantial information, and the one data point of thiosulfate in blood that was based on an old unstable blood sample and used as the basis for Mr. Brown's Autopsy Report of Joey Sutter, we believe that the autopsy came to the wrong conclusion about hydrogen sulfide exposure. In fact, Mr. Sutter had high blood pressure, enlarged heart and was obese.

We have attached information regarding the second death (Charles Brent Sittig) which shows no exposure to hydrogen sulfide and that Mr. Sittig was not in any work related activity at the time of death.

In addition, Mr. Sittig was over weight with possible blood pressure issues. (See Attached Information)

If you have any questions, please call me.

Very truly yours.

Matt Bowman

Two Incident Reports (b) (6) and (b) (6)



Pre-Incident

Several days before December 17, 2008 Trailer 267 was loaded with oil from an emulsion breaking process at the PACES site 2420 South Gulfway, Port Arthur, TX.

On December 17, 2008, Brian Weathers sampled Trailer 267, removing a sample of the oil from inside the trailer. (See Attachment 1)

Incident

On December 18, 2008, at 2:00pm, Suzi Mock and (b) (6) went to Trailer 267 to resample the oil in the trailer. Ms. Mock climbed to the top of Trailer 267 first. Mr. (b) (6) started up the ladder after and behind Ms. Mock. As Mr. (b) (6) reached the top of the latter he collapsed. Ms. Mock grabbed Mr. (b) (6) so he would not fall from the Trailer 267. Ms. Mock pulled Mr. (b) (6) to the top of the Trailer 267. Mr. (b) (6) and Ms. Mock did not open the dome lid nor did she or Mr. (b) (6) obtain a sample at this time. This was at 2:00pm, Thursday, December 18, 2008.

Ms. Mock called for help and at 2:10pm (12/18/08) the Port Arthur Fire Department was notified. (See Attachment 2) Within a few minutes of 2:00pm (12/18/08) Mr. Wood went to Ms. Mock to assist her with Mr. (b) (6) . Mr. Wood also assisted Ms. Mock to turn Mr. (b) (6) over, still on top of the Trailer 267.

At 2:20pm (12/18/08) the Port Arthur Fire Department arrived and by 2:35pm, Mr. (b) (6) was removed from the top of the Trailer 267 by the Port Arthur Fire Department. (See Attachment 2)

Ms. Mock did not experience any illness from any hydrogen sulfide release when she was with Mr. (b) (6) on top of the Trailer 267. Ms. Mock's personal hydrogen sulfide monitor did not trigger when she was on top of the Trailer 267. Ms. Mock's monitor was set to alarm at 10 ppm hydrogen sulfide. Mr. Wood did not experience any illness from hydrogen sulfide while assisting Mr. (b) (6).

The Port Arthur Fire Department placed Mr. (b) (6) Clothes and the Port Arthur Fire Department hydrogen sulfide meter in a bag. The Port Arthur Fire Department measured a reading of -0- hydrogen sulfide. The Port Arthur Fire Department returned to the top of Trailer 267 two hours after Mr. (b) (6) was removed and measured only 1 ppm hydrogen sulfide. (See Attachment 2)

May 27, 2009 Two incident Reports Page 1 of 4

Post Incident

OSHA tested Mr. (b) (6) clothes for hydrogen sulfide and did not find any hydrogen sulfide. (See Attachment 3) OSHA tested the head space over an oil sample from Trailer 267 and did not find any hydrogen sulfide. (See Attachment 4)

Hydrogen sulfide technical information sources state that it takes 700 to 1000 ppm of hydrogen sulfide to knockdown an individual with hydrogen sulfide. In addition, when a group of people are together near a hydrogen sulfide release all persons suffer health problems. (See Attached 5)

OSHA measured organic sulfur compounds in the oil which exhibits a smell similar to hydrogen sulfide, but the organic sulfur compounds are liquid at ambient temperatures and not a toxic gas.

In addition, the oil in Trailer 267 was not heated prior to the December 18, 2008 incident, since no steam was available and the trailer had been loaded prior to December 17, 2008 without any modifications of the oil for two days. (See Attachment 6)

In summary, pre-incident information and post incident information does not support the concept that hydrogen sulfide was released from a trailer during a short time of a few minutes at such level of 700 to 1000 ppm to cause one of two people side-by-side to collapse and die in minutes while the second person is holding on to the dying person without having her personal hydrogen sulfide alarm activate. (See Attachment 7)

In addition, a third person climbed to the top of Trailer 267 to assist the two already on trailer without getting sick from hydrogen sulfide. Also, the Port Arthur Fire Department representative did not note any problems with anyone other than Mr. (b) (6). Remember, Trailer 267 was sampled the day before with out any problems.

(b) (6) Autopsy Comments

The autopsy based its conclusions on a lab report from NMS Labs dated March 25, 2009. This NMS Labs Report based its conclusion on one test of one blood sample which was received on March 5, 2009 by NMS Labs, when the death occurred on December 18, 2008. This delay in testing appears to have violated acceptable protocols.

The NMS Labs Report did not state that Mr. (b) (6) died from hydrogen sulfide poisoning. The report stated that the measured value of thiosulfate in the blood sample was similar to values found in four other situations where people were believed to have died from hydrogen sulfide. However, the thiosulfate value of 43% of the cases were above 11 mcg/ml (value measured in Mr. (b) (6) blood) and 43% were below the 11 mcg/ml value. The NMS Labs Report did not speak to another NMS Labs analysis report on urine from Mr. (b) (6) received January 15, 2009. (See Attachment 8)

May 27, 2009 Two incident Reports Page 2 of 4

This report stated that thiosulfate in urine was normal. Technical information states that thiosulfate in urine is just as valid as thiosulfate in blood for measuring hydrogen sulfide exposure.

Both the NMS Labs Report of March 25, 2009 and the T. Brown Autopsy Report of April 17, 2009 omitted the sulfhemoglobin in blood data identified in the NMS Labs Report of January 20, 2009. Susan Jones at Southeast Texas Forensic Center (Jefferson County Morgue) stated that the sulfhemoglobin measured levels were below testing limits. As a biological marker the test data reflects no exposure to hydrogen sulfide.

Both the NMS Labs (3/25/09) report and the Mr. (b) (6) Autopsy had many facts wrong. For example, both stated that the site operator (PACES) was boiling water in a closed dome tank (trailer) to drive off hydrogen sulfide. Remember, this material is oil in a tanker which is not heated, since no steam was available. Also, the thiosulfate analysis of the blood did not follow correct procedures, where the thiosulfate test in the urine did follow correct lab procedures.

The (b) (6) Autopsy Report did show that Mr. (b) (6) was over weight to the point of being obese and a smoker. Mr. (b) (6) blood pressure values of August 2008 were 136/90. These numbers reach the level of Stage 1 Hypertension. Technical data states that hypertension can result in hardening of the arteries, enlarged heart, and other health issues. The T. Brown Autopsy Report (04/17/09), states that Mr. (b) (6) had cardiomegaly (an enlarged heart). The risk of complications from an enlarged heart are heart failure, blood clots, cardiac arrest, and sudden death.

(b) (6)

Incident

On April 14, 2009, (b) (6) (truck driver for PACES) returned to the site with a load of weak caustic solution that was not loaded by him. Mr. (b) (6) parked the tractor and trailer to be unloaded by another person and moved away from the trailer into the maintenance office area of the plant site.

Mr. (b) sat in a chair and collapsed while making a telephone call. Mr. (b) (6) was a few feet away from the maintenance person who went to him after he collapsed. The maintenance person did not have any affects from hydrogen sulfide and there was not any hydrogen sulfide release or triggered any alarms.

Post Incident

The material from Mr. (b) (6) truck was placed in NV1 Tank and tested for sulfides. The measured sulfide in the material was less than 1 ppm sulfide (See Attachment 9).

Data from Mr. (b) (6) file shows that he was overweight. In the past his blood pressure was close to values that would disqualify him as a driver.

May 27, 2009 Two incident Reports Page 3 of 4

In summary, Mr. (b) was not engaged in activity at the time of death. There was no hydrogen sulfide released at the time of his death. Mr. (b) was near others that did not experience any hydrogen sulfide problems and his trailer contained material that was below 1 ppm sulfide which he did not load or unload.

Summary of Both Incident Reports (Mr. (b) (6) and Mr. (b) (6)

Hydrogen sulfide poisoning could have not been the mechanism that caused the two deaths, since the exposure level (700 to 1000 ppm) required to knockdown and kill quickly would have affected companions, triggered alarms, showed up in clothes, and introduced odors over a wide area since the odor threshold of hydrogen sulfide is 0.005 ppm.

In addition, low levels of hydrogen sulfide over long periods of time would not have been a factor in the deaths since recent and past results show no adverse impacts from low levels of hydrogen sulfide. Most recent data shows that low levels of hydrogen sulfide lowers blood pressure. (See Attachment 10)

However, both Mr. (b) (6) and Mr. (b) and weight and blood pressure issues that were significant and indicators of personal health issues.

Page 4 of 4

Laboratory Analysis Report

Total Number of Pages:

Job ID: 09050433



10100 East Freeway, Suite 100, Houston, TX 77029 tel: 713-453-6060, fax: 713-453-6091, http://www.ablabs.com

Client Project Name: 0520-A (CES Methanol)

Report To:

Client Name:

Attn:

CES Environmental

Joe Camp

4904 Griggs Rd Client Address:

City, State, Zip:

Houston, Texas, 77021

P.O.#.: 0520-A

Sample Collected By: Joe Camp

Date Collected: 05/20/09

A&B Labs has analyzed the following samples...

Client Sample ID

Matrix

A&B Sample ID

0520-A (CES Methanol)

Liquid

09050433.01



Released By: Shantall Carpenter

Project Manager

Title: Date:

5/28/2009



This Laboratory is NELAP (T104704213-08B-TX) accredited. Effective: 07/01/2008; Expires: 06/30/2009

Scope: Non-Potable Water, Drinking Water, Air, Solid, Hazardous Waste

I am the laboratory manager, or his/her designee, and I am responsible for the release of this data package. This laboratory data package has been I reviewed and is complete and technically compliant with the requirements of the methods used, except where noted in the attached exception reports. I affirm, to the best of my knowledge that all problems/anomalies observed by this laboratory (and if applicable, any and all laboratories subcontracted through this laboratory) that might affect the quality of the data, have been identified in the Laboratory Review Checklist, and that no information or data have been knowingly withheld that would affect the quality of the data.

This report cannot be reproduced, except in full, without prior written permission of A&B Labs. Results shown relate only to the items tested. Samples are assumed to be in acceptable condition unless otherwise noted. Blank correction is not made unless otherwise noted. Air concentrations reported are based on field sampling information provided by client.

Date Received: 05/20/2009 13:53

LABORATORY TERM AND QUALIFIER DEFINITION REPORT



Job ID: 09050433

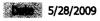
Date: 5

5/28/2009

Back-Wt	Back Weight	Post-Wt	Post Weight
BRL	Below Reporting Limit	ppm	parts per million
cfu	colony-forming units	Pre-Wt	Previous Weight
Conc.	Concentration	Q	Qualifier
D.F.	Dilution Factor	RegLimit	Regulatory Limit
Front-Wt	Front Weight	RPD	Relative Percent Difference
LCS	Laboratory Check Standard	RptLimit	Reporting Limit
LCSD	Laboratory Check Standard Duplicate	SDL	Sample Detection Limit
MS	Matrix Spike	surr	Surrogate
MSD	Matrix Spike Duplicate	Т	Time
MW	Molecular Weight	TNTC	Too numerous to count
V.,			
D1	Sample required dilution due to matrix effects.		
D2	Sample required dilution due to high concentra	tion of target analyte.	
L1	Associated LCS/LCSD recovery is above accept	ptance limits for flagge	d analyte. Blas may be high.
V1	CCV recovery is above acceptance limits. This	s target analyte was no	t detected in the sample.
V6	CCV recovery is above the control limit for this	analyte, however the a	average %difference for all the analytes meets method criter

LABORATORY TEST RESULTS





0520-A (CES Methanol) 05/20/09 13:00 09050433.01 Liquid

ASTM D1744								
	Water (Karl Fischer)	16.1	%	1	0.01		05/27/09 09:46	KS
SW-846 8015D	Non Purgeable Organic Compou	nds						
	Methanol	849169	mg/L	10000	20000		05/26/09 16:22	PNS
SW-846 8260B	Volatile Organic Compounds							
	Methyl Acetate	68	mg/L	2500	12.5	D2	05/20/09 18:20	HW
	Vinyl Acetate	BRL	mg/L	250	1.25	D1	05/20/09 16:25	HW
	p-Bromofluorobenzene(surr)	104	%	250	70-130		05/20/09 18:20	HW
	Toluene-d8(surr)	109	%	250	70-130		05/20/09 18:20	HW
	1,2-Dichloroethane-d4(surr)	106	%	250	70-130		05/20/09 18:20	HW
	Dibromofluoromethane(surr)	106	%	250	70-130		05/20/09 18:20	HW
SW-846 8315A	Aldehydes by HPLC							
	Acetaldehyde	3.93	mg/L	4.8	0.096		05/26/09 13:26	HK
	Formaldehyde	0.567	mg/L	0.48	0.024		05/26/09 13:37	HK



Job ID: 09050433

Date:

5/28/2009

Analysis: Volatile Organic Compounds

Method:

SW-846 8260B

Reporting Units:

Created By: Whuimei

Samples in This QC Batch: 09050433.01

Sample Preparation: PB09052025

Prep Method: SW-846 5030C

Prep Date: 05/20/09 16:15 Prep By:

Whuimei

QC Type: Method Blank					-	
Parameter	CAS #	Result	Units	D.F.	RptLimit	Qual
Methyl Acetate Vinyl Acetate	70-20-9 108-05-4	BRL BRL	mg/L mg/L	1	0,005 0.005	

QC Type: LCS and LCS	D							
Parameter	LCS Spk Added	LCS Regult	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD %Recovery CuilLimit CuilLimit Qua
Methyl Acataba Vinyl Acataba	0.02 0.02	0.034	80 170	0.02 0.02	0.019 0.029	95 145	17.1 15.9	35 50-126 L1



Job ID: 09050433

Date:

5/28/2009

Analysis : Aldehydes by HPLC

Method:

SW-846 8315A

Reporting Units: mg/L

QC Batch ID: Qb09052634

Created Date: 05/26/09

Created By: Hkhuc

Samples in This QC Batch: 09050433.01

Extraction:

PB09052115

Prep Method: SW-846 8315A

Prep Date: 05/21/09 09:00 Prep By:

Lwang

QC Type: Method Blank	1 · · · · · ·					
Parameter	CAS #	Result	Units	D.F.	Rpti_imit	 Qua
Acesalidatiyos Pormelidatiyote	78-07-0 50-00-0	BRL BRL	mg/L mg/L	1 1	0.02 0.05	

QC Type: LCS and LCS	D							· · · · · · · · · · · · · · · · · · ·		
	LCS Sok Added	LCS Result	LCS	LCSD Sok Added	LCSD	LCSD	000	RPD Cod last	%Recovery	Ount
Parameter Adatalisanyde	0.16	0.132	% Rec 82.5	0.16	Result 0.133	% Rec	RPD 0.0	Collimit 1	CatLimit 60-125	Qual
Formaldahyde	0.16	0.111	69.4	0.16	0.111	69.4	0	35	60-125	



Job ID: 09050433

Date:

5/28/2009

Qual

Analysis: Non Purgeable Organic Compounds

Method :

SW-846 8015D

Reporting Units: mg/L

QC Batch ID: Qb09052704

Sample Preparation: PB09052702

Created Date: 05/27/09

Created By: Psaraiya

Samples in This QC Batch: 09050433.01

Prep Method: SW-846 8015D

Psaraiya

QC Type: Method Blank

Parameter CAS# 67-56-1

Result BRL.

Units mg/L D.F.

RptLimit 2

Prep Date: 05/26/09 11:30 Prep By:

OC Type: LCS and LCSD

	LCS	LCS	LCS	LCSD	LCSD	LCSD		RPD	%Recovery	
Parameter	Spk Added	Result	% Rec	Spk Added	Result	% Rec	RPD	CtrlLimit	CtrlLimit	Qual
Medianal*	23.73	24.7	104	23.73	24.8	105	0.4	25	80-120	



Job ID: 09050433

Date:

5/28/2009

Analysis :

Method:

ASTM D1744

Parameter

Reporting Units:

%

QC Batch ID: Qb09052736

Created Date: 05/27/09

Created By: Ksudha

Samples in This QC Batch: 09050433.01

QC Type: Duplicate

Water (Karl Fischer)

QC Sample ID: 09050433.01

QCSample Result Sample Result RPD Units RPD CtrlLimit Qual 16.2 20 16.1 0.1

QC Type: LCS and LC	SD									
	LCS	LCS	LCS	LCSD	LCSD	LCSD		RPD	%Recovery	
Parameter	Spk Added	Result	% Rec	Spk Added	Result	% Rec	RPD	CtrlLimit	CtrlLimit	Qual
Water (Karl Flacher)	0.1	0.106	106	0.1	0.113	113	6.4	20	62-132	

The Chain of Custody is a Legal Document

Company:

Address:

Contact:

Phone:

Fax: 0

5/20/09

Matrix

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È-mail: 🗅

INVOICE TO:

SAME

13. 14. Containers' 15. Preservatives** 16. PH-Lab Only

of Containers

Office

17.

of_

*Surcharge applies

Page.

4. Turnaround Time (Business Days)

C Other

3. PO #

1 Day

2 Days*

☐ 3 Days*

7 Davs - Standard

Chain of Custody

Company:

Address:

Contact:

Phone:

Fax: O

E-mail: 🗸

REPORT TO:

Grings Rd.

(9mp6), cerenvironmentalion

1 17. 12.

CES Environmenta

Sampler's Signature & Diffe

Sampliffo

Date

A & B Labs

A&B JOB ID#

5. Project #

6. Project Name/Location

7. Reporting Requirement:

10100 East Fwy (I-10) Ste. 100

☐ TRRP Limits only ☐ TRRP Rpt. Package ☐ See Attached ☐ Standard Level II

Houston, TX 77029

713-453-6091 Fax ablaba.com

8. Sampler's Name & Company (PLEASE PRINT)

9. Sample ID and Description

Joe Camp, CES Environmental

1-877-478-6060 Tell Free

713-453-6060

<u>a-b</u>

Sample Condition Checklist

Date: 05/28/09

1. 2. 3. 4. 5. 6. 7. 8. :	C-O-C signo	in a cooler. n cooler. received w ed and data received w ntainers are	nd signed	Sa d.		n/a neck Po	ints					Yes N/A	No		
1. 2. 3. 4. 5. 6. 7. 8. :	Cooler seal Sample(s) If yes, ice i Sample(s) C-O-C sign Sample(s) Sample cor	present ar in a cooler. n cooler. received w ed and data received w ntainers ar	ith chain	d.	Ch		ints						No		
2. 3. 4. 5. 6. 7. 8. 9.	Sample(s) If yes, ice i Sample(s) C-O-C sign Sample(s) Sample cor	in a cooler. n cooler. received w ed and data received w ntainers are	ith chain			neck Po	ints						No		
2. 3. 4. 5. 6. 7. 8. 5	Sample(s) If yes, ice i Sample(s) C-O-C sign Sample(s) Sample cor	in a cooler. n cooler. received w ed and data received w ntainers are	ith chain			neck Po	ints						No		
2. 3. 4. 5. 6. 7. 8. 5	Sample(s) If yes, ice i Sample(s) C-O-C sign Sample(s) Sample cor	in a cooler. n cooler. received w ed and data received w ntainers are	ith chain		dy.							N/A			
3. 4. 5. 6. 7. 8. :	If yes, ice i Sample(s) C-O-C sign Sample(s) Sample cor	n cooler. received w ed and date received w ntainers an	ith chain	n-of-custo	dy.			_							
4. 5. 6. 7. 8. :	Sample(s) C-O-C signo Sample(s) Sample con	received w ed and data received w ntainers an	ed.	n-of-custo	dy.						***		Х		
5. 6. 7. 8.	C-O-C signo Sample(s) Sample cor	ed and date received w ntainers are	ed.	n-of-custo	dy.								Х		
6. 7. 8.	Sample(s) Sample cor	received w				4. Sample(s) received with chain-of-custody.									
7. 8. :	Sample cor	ntainers an	ith signe		5. C-O-C signed and dated.										
8. 9.				6. Sample(s) received with signed sample custody seal.											
9.	Matrix :														
		Water	Soil	Liquid [2]	Sludge	Solid	Cassette	Tube	Bulk r	Badge	Food	Oth			
			<u> </u>			<u> </u>						L_			
10.					container(s	·).						Х			
1	Sample(s)				reservative						B	N/A			
-	All samples											Х			
											Х				
											X				
-											X				
											X				
										N/A					
- 1	7. Sample accepted. comments : Include actions taken to resolve discrepancies/problem:										X				
Sample		d in a plastic					nperature requi	rements we	re not met	when droppir	ng the sam	ple off b	Y		
Recei	ived by : [)wamer					Check in	by/date :	Dwarner	· / 05/20/2009	,				

Tenaus - All Houston Bid Package

Monday 10.29.09 10 Am FOO3 TOTAL DOOZ VOCK SOOPPOM

\$ 385.00 Horris & Door 109

1090 surabor for the fell

\$ 300 for the fell

Today

Today

Today

Total

Dooz

Total

Tota

\$6/total CII

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Facility	Waste stream	Generating Process	Waste Classification	Quantity Generated Monthly(unless stated otherwise)	Quote for	Price
Conroe	Oily Rags, Soil, and Plastic	Plant Operations	Non-haz, Class I	30,000 lbs	20 yd roll-off box	\$50.00/yard
					Any addl' fee for free liquids (stabilization fee)	\$25.00/yard addl'
1					State Waste Fee	\$6.00/ton
ĺ					Box rental per day	\$15.00/day
1					Box liners Transportation per load	\$35.00/liner
-	W11D:	G - 1' - 0 - 1'	No. 1. Ob. I	1000 11		\$350.00/load ¹
Conroe	Water-based Pipe	Coating Operation	Non-haz, Class I	1800 lbs	State Waste Fee	\$195.00/tote \$6.00/ton
	Coating				Transportation per load	
	DiaDianta (Maria	D.: (O. vi	TT ' 1 1 1 1 1 1 1	000.11		\$350.00/load ¹
Conroe	Paint Related Material	Paint Operations	Universal Waste	800 lbs	5- gallon buckets (liquids)	\$70.00/5 gallon bucket ³
1					drums (liquid)	\$120.00/drum
					5- gallon buckets (solids)	\$0.90/lb non processible solids ³
					drums (solids)	\$245.00/drum solids ³ \$0.90/lb non processible solids ³
Ì					disposal fee	7.5%2
)					Transportation Fee	\$350.00/load ¹
Precision	Paint	Stenciling Operations	Universal Waste	25 gallons	drums (liquid)	\$120.00/drum
1		• .		J	disposal fee	$7.5\%^{2}$
					transportation fee	\$275.00/load
Precision	Bulbs	Plant Activities	Universal Waste		8 ft and 4ft bulb	\$1.25/4ft, \$1.50/8ft
					disposal fee	NA
{					Transportation Fee	\$275.00/load ¹
Precision	Adsorbent w/ oil	Generated from clean-up	Non-Haz, Class I	15 drums	20 yd roll-off box	\$50.00/yard
		around facility	•		cubic yard (super sack)	\$95.00/supersack
1		•			drum	\$45.00/drum
					Any addl' fee for free	\$25.00/yard
i					liquids (stabilization fee)	
1					State Waste Fee	\$6.00/ton
					Box rental per day Box liners	\$15.00/day
1					Transportation per load	\$35.00/liner
Precision	Antifreeze	From romain of mobile	Class 1	25 gallons		\$350.00/load ¹
Precision	Anuneeze	From repair of mobile equipment	Class I	25 ganons	drum disposal fee	\$45.00/55 gal drum
1		equipment			State Waste Fee	0.0% ²
					Transportation Fee	
Caract	T:14/D/A1h4-	D14	N II Ol 1	1.1		\$275.00/load ¹
Seacat	Filter/Rags/Absorbents	Plant	Non-Haz, Class 1	1 drum	drum disposal fee	\$45.00/ 55 gal drum
1					State Waste Fee	0.0%2
l					Transportation Fee	NA \$275.00/load ¹
Seacat	Dust Collector Filters	Mills	Non-Haz, Class II	1 drum	drum	\$35.00/55 gal drum
Scacai	Dust Concettor I mers	MIIIS	11011-1142, Class 11	1 di dilli	disposal fee	$0.0\%^2$
					Transporation Fee	
Seacat	Batteries (ni-cad)	Plant electronic	Universal Waste	l 5-gallon bucket	5-gallon bucket	\$275.00/load ¹
Scacai	Datieries (III-cau)	equipment	Omversar waste	i 5-ganon bucket	disposal fee	\$1.65/pound 0.0% ²
i		-darkment			Transporation Fee	\$275.00/load
Seacat	Light Bulbs-Flourescent	Plant activities	Universal Waste		8 ft and 4ft bulb	\$1.25/4ft, \$1.50/8ft
) Seastar	21611 Pales Violatescent	T tuit don't high	Omversar waste		disposal fee	0.0%2
1					Transportation Fee	\$275.00/load ¹
Seacat	Paint Products	Plant	Universal Waste	£11		
Scacai	raint Flouticts	riant	Omversal waste	5 gallons	drum	\$120.00/55 gal drum ³ (liquid only)
1					disposal fee	7.5%2
					Transportation Fee	\$275.00/load ¹
Seacat	Used Oil Filters	Plant activities	Used Oil	1 drum	drum	\$35.00/55 gal drum
}					disposal fee	0.0%2
1					Transportation Fee	\$275.00/load1
Texas ARAI	Absorbent with oil	Floor dry and sorbent soaked w/ oil	Non-Haz, Class I	1500 lbs	cubic yard (super sack)	\$95.00/supersack
		Scaled III OII			Box rental per day	\$15.00/day
					Box liners	\$35.00/liner
•						<u> </u>

Facility	Waste stream	Generating Process	Waste Classification	Quantity Generated Monthly(unless stated otherwise)	Quote for	Price
					disposal fee	NA
					State Waste Fee	\$6.00/ton
					Transportation per load	\$275.00/load1
Texas	Phosphate Solids	Phosphate Scale	Non-Haz, Class I	500 lbs	cubic yard (super sack)	\$95.00/supersack
ARAI	•	resulting from clean-out	•		Box rental per day	\$15.00/day
		of zinc phosphating			Box liners	\$35.00/liner
					disposal fee	0.0%2
					State Waste Fee	\$6.00/ton
	_				Transportation per load	\$275.00/load1
Texas	Tin Solids	Tin Sludge resulting	Non-Haz, Class I	100 lbs	Drum	\$45.00/55 gal drum
ARAI		from clean-out of tin			State Waste Fee	NA
		electrodes and tank			disposal fee	$0.0\%^{2}$
					Transportation Fee	\$275.00/load ¹
Texas	Spent triethylene glycol	Generated from cleaning	Non-haz, Class I	110 gallons	tote	\$95.00/tote
ARAI	7,,,	of plating baths	,	V	State Waste Fee	NA
		. •			disposal fee	$0.0\%^{2}$
					Transportation Fee	\$275.00/load1
Texas	Used Paint	Generated from paint	Universal Waste	55 gallons	drum (liquids)	\$120.00/drum
ARAI	Osca i ant	operations	Omversar waste	55 ganons	drum (<50% sludge)	\$155.00/drum
711011		ореганова			drum (>50% sludge)	\$245.00/drum3 solids
					(•••••=============================	\$0.90/lb non processible
						solids ³
					disposal fee	7.5% ²
					transportation fee	\$275.00/load ¹
	TI' 1 II D' A III A	0 4.16	TT	22011	•	\$275.00/load
Texas	High pH Paint Water	Generated from	Hazardous Waste	220 gallons	tote tote (<50% sludge)	
ARAI		stripping couplings and/or paint coated			tote (>50% sludge)	-
		equipment from			disposal fee	s
		automated paintline			transportation fee	\$275.00/load ¹
Texas	Bulbs	Plant activities	Universal Waste		8ft and 4ft bulb	\$1.25/4ft, \$1.50/8ft
ARAI	Dulos	Flain activities	Offiversal waste		disposal fee	0.0%2
Alth						
		- 12			transportation fee	\$275.00/load ¹
McCarty	Phosphate Solids	Generated from cleaning	Non-Haz / Class 1	7 55-gallon drums	drum	\$45 per drum
		of phosphate tanks			cubic yard State Waste Fee	\$195 per yard NA
					disposal fee	$0.0\%^2$
					*	
					transportation fee	\$275.00/load ¹
McCarty	Oily	Generated from clean-up	Non-Haz/Class 1	10 55-gallon drums	drum	\$35 per drum
	Rags/Adsorbent/Filters	around facility			cubic yard	\$95/supersack
					State Waste Fee	NA
					disposal fee	0.0%2
					transporation fee	\$275.00/load ¹
McCarty	Paint Waste	From Stenciling Activites	Universal Waste	55-gallon drum annuall		\$120.00/drum
					drum (<50% sludge)	\$155.00/drum
					drum (>50% sludge)	\$245.00/drum3 solids
İ					disposal fee	7.5%2
14 G :	701 1 4 701 1177		NT TT (0)	0.000 "	transportation fee	\$275 per load
McCarty	Phosphate Rinse Water	Generated from zinc	Non-Haz/Class 1	8,000 gallons	gallon	\$0.08 per gallon ⁴
		phosphating of pipe			disposal fee	0.0%2
		threads			Transportation per load	\$495 per load
					tanker washout fee	\$145 per washout (if required)

Conditions/Exemptions

^{1.} Transortation rate includes one hour loading and unloading. Any additional time will be charged at \$70.00/hour. Transportation rate does not include any applicable fuel surcharges as per the U.S. Department of Energy National Diesel Average. Fuel surcharges are evaluated on a monthly basis. The current surcharge at the time of this bid is 9.5%

^{2.} Disposal fees/Energy Surcharges vary by disposal facility. The current Energy Surcharge for disposal at CES Environmental is 0.0% at the time of this quote. CES Energy surcharge will be charged according to the national average utility pricing index on all disposal services.

^{3.} Per unit pricing includes transportation to disposal facility.

^{4.} Disposal pricing subject to change pending final profile approval and receipt of waste. Treatment and disposal price above includes up to 2% solids; 5,000 ppm TOC; post-treatment metals meeting CES discharge limits. Additional charges may be assessed as follows:

o \$0.03 per gallon for each additional 5,000 TOC

o \$0.01 per gallon for each additional percentage solids

o \$0.10 per gallon for heat treatment, specialty processing and/or metals in excess of post-treatment discharge limits

^{5.} A compliance surcharge of 1% is assessed on the total invoice based on compliance filing fees from federal and or state governments.

^{***}All disposal pricing is subject to change pending final profile approval and reciept of waste.

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Facility	Waste stream	Generating Process	Waste Classification	Quantity Generated Monthly(unless stated otherwise)	Unit of Measure	Price	Annual Price	
McCarty	Paint Waste	From Stenciling Activities	Universal	1 55-gailon drum annually		they don't have any?? I guess the rate sheet: \$120/dm liquids, \$155/dm sludges, \$245/dm solids, \$0.95/lb non- processible solids		
McCarty	Sandblast grit		Non haz/Class 1	1 CY box	CY Box	\$125/CY sack]
McCarty	Non Haz Grease		Non haz/Class 1	1 drum	Drums	\$55/dm		
McCarty	TPH Impacted Soil		Non haz/Class 1	2 drums	Drums	\$45/dm		I
McCarty	Used Oil		Recycle	2 drums	Drums	\$30/dm		L
McCarty	Batteries		Universal	1 CY Sack	CY Sack	\$150/CY sack		
McCarty	Flourescent Lights		Universal	1 - Box	ea	\$1.25		Γ
McCarty	Pipe Thread Protectors		Non haz/Class 1	Roll off	CY	\$50/yard		

1. Disposal pricing subject to change pending final profile approval and receipt of waste. A sample and analytical testing may be required to proprerly classify the waste. Treatment and disposal price above includes up to 2% solids and 5,000 ppm TOC. Additional charges may be assessed as follows:

- o \$0.03 per gallon for each additional 5,000 TOC
- o \$0.01 per gallon for each additional percentage solids
- o \$0.07 per gallon for heat treatment and/or specialty processing
- 2. Pricing base on solids. Surcharges will apply for sludges or liquids
- 3. Payment valid for oil with <0.5% water. If water content is greater, CES will charge \$35.00/drum
- 4. Payment valid for oil with <0.5% water. If water content is greater, a CES will charge.

Transportation rate at \$70 per hour plus fuel surcharge.

- All equipment utilizing motor fuel is subject to a 4 hour minimum and fuel surcharge based on the current market price of motor fuel. As of the date of this proposal, the current fuel surcharge rate is 9.5%.
- An energy recovery fee will be assessed on all disposal based on the current US Department of Labor Producer Price index and Labor for fuels. As of the date of this proposal, the energy recovery fee is 0.0%. A compliance surcharge of 1% is assessed on the total invoice based on compliance filing fees from federal and or state governments.

these were not included in their request, but they do ship this regularly

Facility	Waste stream	Generating Process	Waste Classification	Quantity Generated Monthly(unless stated otherwise)	Unit of Measure	Price	Annual Price	
Conroe	Oily Rags, Soil, and Plastic	Plant Operations	Non-haz, Class I	30,000 lbs	lbs	\$0.04/lb ²		
Conroe	Water-based Pipe Coating	Coating Operation	Non-haz, Class I	1800 lbs	lbs	\$0.04/lb ²		solid or liquid
Conroe	Paint Related Material	Paint Operations	Universal Waste	800 lbs	lbs	\$0.88/lb		7 '
Conroe	Used Oil/Oily Water	Plant Operation	Used oil	1540 gallons	Gal	\$0.08/gallon ¹		7
Conroe	Used Coolant	ATL Building	Non-Haz	10 drums	Drums	\$45.00/drum		1
Conroe	Mill Coolant	From cleanout of pits	Non-Haz	4000 gallons quarterly	Gal	\$0.25/gallon		
Precision	Synthetic coolant diluted with water 95% (20:1)		Non-Haz, Class I	1,850 gallons	Gal	\$0.25/gallon		
Precision	Hydroblast wastewater	Generated from hydrotesting of coils	Non-Haz,Class I	20,000 gallons	Gal	\$0.08/gallon ¹		
Precision	Paint		Universal Waste	25 gallons	Gal			
Precision	Bulbs		Universal Waste		Gal	\$1.25/4ft bulb \$1.50/8ft bulb		1
Precision	Used Oil	Generated from machines.	Used oil	110 gallons	Drums	Pay \$10.00/drum ³		
Precision	Adsorbent w/ oil	Generated from clean-up around facility	Non-Haz, Class I	15 drums	Drums	\$45.00/drum		
Precision	Parts Cleaner Solvent	Parts Cleaning	Hazardous	25 gallons	Gal			per drum?
Precision	Antifreeze	From repair of mobile equipment	Class 1	25 gallons	Gal	\$0.25/gallon		per drum?
Seacat	Waste Water #1		Non-Haz	2000 gallons	Gal	\$0.08/gallon ¹		HAZ??? Silver
Seacat	Waste Water #3	Hydrotest Waster	Non-Haz	2000 gallons	Gal	\$0.08/gallon ¹		1
Seacat	Filter/Rags/Absorbents	Plant	Non-Haz, Class 1	1 drum	Drums	\$45.00/drum		
Seacat	Dust Collector Filters	Mills	Non-Haz, Class II	1 drum	Drums	\$30.00/drum		7
Seacat	Batteries	Plant electronic equipment	Universal Waste	1 5-gallon bucket	Gal			per lb?
Seacat	Light Bulbs-Flourescent	Plant activities	Universal Waste			\$1.25/4ft bulb \$1.50/8ft bulb		
Seacat	Paint Products	Plant	Universal Waste	5 gallons	Gal			per drum?
Seacat	Waste Oil & Filters	Hydraulic oil/Compressor oil/Forklift Oil	Used oil	1 drum	Drums	\$35.00/drum		
Texas ARAI	Process Wastewater	Zn/Mg Phos and Tin/Zn Electroplating	Non-Haz, Class I	20,000 gallons	Gal	1		
						\$0.08/gallon ¹	1	_
Texas ARAI	Absorbent with oil	Floor dry and sorbent soaked w/ oil	Non-Haz, Class I	1500 lbs	lbs	\$0.04/lb ²		

Facility	Waste stream	Generating Process	Waste Classification	Quantity Generated Monthly(unless stated otherwise)	Unit of Measure	Price	Annual Price	
Texas ARAI	Phosphate Sludge	Phosphate Scale resulting from clean-out of zinc phosphating	Non-Haz, Class I	500 lbs	lbs	\$40/drum dry \$50.00/drum wet		
Texas ARAI	Tin Sludge	Tin Sludge resulting from clean-out of tin electrodes and tank	Non-Haz, Class I	100 lbs	lbs	\$0.06/lb ²		
Texas ARAI	Spent triethylene glycol	Generated from cleaning of plating baths	Non-haz, Class I	110 gallons	Gal	\$0.25/gallon		
Texas ARAI	Used Paint/Bulbs	Generated from paint operations, forklift batteries, and changing bulbs	Universal Waste	25 gallons	Gal	\$120/dm liquids, \$155/dm sludges, \$245/dm solids, \$0.95/lb non- processible solids \$1.25/4ft bulb \$1.50/8ft bulb		paint vs bulbs
Texas ARAI	Paint Wastewater/Sludge	Generated from paint waterwash booth, and stripping of parts	Universal Waste	165 gallons	Gal			bulk?
Texas ARAI	Used Oil	Clean-out of machines and forklift	Used Oil	330 gallons	Gal	Pay \$0.20/gallon		
McCarty	Rinse water from zinc phosphate lines	Generated from Zinc Phosphating of pipe threads	Non-Haz / Class 1	8,000 gallons	Gal	\$0.08/gal ¹		
McCarty	Phosphate Sludge	Generated from cleaning of phosphate tanks	Non-Haz / Class 1	7 55-gallon drums	Drums	\$40/ drum dry \$50/dm wet		
McCarty	Oily Rags/Adsorbent/Filters	Generated from clean-up around facility	Non-Haz/Class 1	10 55-gallon drums	Drums	\$45/dm		3
McCarty	Used Oil/Oily Water/Coolant		Non-Haz/Class 1	3,000 gallons	Gal	\$0.08/gal ¹		

Facility	Waste stream	Generating Process	Waste Classification	Quantity Generated Monthly(unless stated otherwise)	Quote for	Price
Conroe	Oily Rags, Soil, and Plastic	Plant Operations	Non-haz, Class I	30,000 lbs	20 yd roll-off box	\$50 M.
	2 442412				Any addl' fee for free	Name of the second
					liquids (stabilization fee)	
					State Waste Fee	
					Box rental per day	
					Box liners	
					Transportation per load	
Conroe	Water-based Pipe	Coating Operation	Non-haz, Class I	1800 lbs	tote	
	Coating				State Waste Fee	
					Transportation per load	
Conroe	Paint Related Material	Paint Operations	Universal Waste	800 lbs	5- gallon buckets (liquids)	<u> </u>
					drums (liquid)	
					5- gallon buckets (solids)	
					drums (solids)	
					disposal fee	
					Transportation Fee	
Precision	Paint	Stenciling Operations	Universal Waste	25 gallons	drums (liquid)	
					disposal fee	
					transporation fee	
Precision	Bulbs	Plant Activities	Universal Waste		8 ft and 4ft bulb	
					disposal fee	
					Transportation Fee	
Precision	Adsorbent w/ oil	Generated from clean-	Non-Haz, Class I	15 drums	20 yd roll-off box	
		up around facility			cubic yard (super sack)	
					drum	
					Any addl' fee for free	
					liquids (stabilization fee)	<u></u>
					State Waste Fee	
					Box rental per day	
					Box liners	
		T	- C1 1	25 11	Transportation per load	
Precision	Antifreeze	From repair of mobile	Class 1	25 gallons	drum	
		equipment			disposal fee	
					State Waste Fee	
C .	D'1, /D /A1 1 /:	Divid	N II. Cl 1	1 1	Transportation Fee	
Seacat	Filter/Rags/Absorbents	Plant	Non-Haz, Class 1	1 drum	drum	
					disposal fee State Waste Fee	
					Transportation Fee	
Canant	Dust Collector Filters	Mills	Non-Haz, Class II	1 drum		
Seacat	Dust Collector Filters	MIIIS	Non-maz, Class II	i arum	drum disposal fee	
					Transporation Fee	
Seacat	Batteries (ni-cad)	Plant electronic	Universal Waste	1 5-gallon bucket	5-gallon bucket	
Scacai	Danories (m-cau)	equipment	Omversar waste	i 5 ganon oucket	disposal fee	
		-quipinetti			Transporation Fee	
Seacat	Light Bulbs-Flourescent	Plant activities	Universal Waste		8 ft and 4ft bulb	
Scacai	Digiti Dalos-i loutescelle	i iani activities	Oniversal waste		disposal fee	<u> </u>
					Transportation Fee	
Seacat	Paint Products	Plant	Universal Waste	5 gallons	drum	
Scacai	i amit i roducts	1 Idill	Omvorsar waste	J ganons	disposal fee	
					Transportation Fee	
Seacat	Used Oil Filters	Plant activities	Used Oil	1 drum	drum	
Scacai	Osca On i liters	i iani activities	Osca On	i urulli	disposal fee	
					Transportation Fee	
Texas	Absorbent with oil	Floor dry and sorbent	Non-Haz, Class I	1500 lbs	cubic yard (super sack)	
ARAI	ADSOLUCIII WIIII OII	soaked w/ oil	11011-11az, C1a55 I	1300 103	cubic yaru (super sack)	
ARAI		SUARCU W/ UII			Box rental per day	
					Box liners	
					disposal fee	
					•	,
					State Waste Fee	
Texas	Phosphate Solids	Phosphate Scale	Non-Haz, Class I	500 lbs	•	

Facility	Waste stream	Generating Process	Waste Classification	Quantity Generated Monthly(unless stated otherwise)	Quote for	Price
ARAI		resulting from clean-out			Box rental per day	
j		of zinc phosphating			Box liners	
					disposal fee	
					State Waste Fee	
					Transportation per load	ļ
Texas	Tin Solids	Tin Sludge resulting	Non-Haz, Class I	100 lbs	Drum	
ARAI		from clean-out of tin			State Waste Fee	
		electrodes and tank			disposal fee	
L	G 44:41 1 1 1	0 16 1	N 1 01 I	110 11	Transportation Fee	<u> </u>
Texas	Spent triethylene glycol	Generated from cleaning	Non-haz, Class I	110 gallons	State Waste Fee	
ARAI		of plating baths				
					disposal fee	
Texas	Used Paint	Generated from paint	Universal Waste	55 collons	Transportation Fee	
ARAI	Used Paint	operations	Universal waste	55 gallons	drum (liquids) drum (<50% sludge)	
AKAI		operations			drum (>50% sludge)	
į					disposal fee	
					transportation fee	
Texas	High pH Paint Water	Generated from	Hazardous Waste	220 gallons	tote	
ARAI	mgn pri i ame water	stripping couplings	Trazardous waste	220 ganons	tote (<50% sludge)	
		and/or paint coated			tote (>50% sludge)	
i		equipment from			disposal fee	
		automated paintline			transportation fee	
Texas	Bulbs	Plant activities	Universal Waste		8ft and 4ft bulb	<u></u>
ARAI					disposal fee	<u> </u>
					transportation fee	
McCarty	Phosphate Solids	Generated from cleaning	Non-Haz / Class 1	7 55-gallon drums	drum	1
	-	of phosphate tanks		•	cubic yard	
i		• •			State Waste Fee	
					disposal fee	
					transportation fee	
McCarty	Oily	Generated from clean-	Non-Haz/Class 1	10 55-gallon drums	drum	
j	Rags/Adsorbent/Filters	up around facility			cubic yard	
					State Waste Fee	
					disposal fee	
					transporation fee	
McCarty	Paint Waste	From Stenciling Activites	Universal Waste	55-gallon drum annual		
ļ					disposal fee	
					transportation fee	
McCarty	Phosphate Rinse Water	Generated from zinc	Non-Haz/Class 1	8,000 gallons	gallon	
[phosphating of pipe			disposal fee	
		threads			Transportation per load	
l					tanker washout fee	

Facility	Waste stream	Generating Process	Waste Classification	Quantity Generated Monthly(unless stated otherwise)	Unit of Measure	Price
McCarty	Rinse water from zinc phosphate lines	Generated from Zinc Phosphating of pipe threads	Non-Haz / Class 1	8,000 gallons	Gal	\$0.10/gal*
McCarty	Phosphate Sludge	Generated from cleaning of phosphate tanks	Non-Haz / Class 1	7 55-gallon drums	Drums	\$40/ drum dry \$50/dm wet
McCarty	Oily Rags/Adsorbent/Filters	Generated from clean-up around facility	Non-Haz/Class 1	10 55-gallon drums	Drums	\$50/dm
McCarty	Used Oil/Oily Water/Coolant		Non-Haz/Class 1	3,000 gallons	Gal	\$0.10/gal*
McCarty	Paint Waste	From Stenciling Activities	Universal	1 55-gallon drum annually	Drums	they don't have any?? I gue \$245/dm solids, \$0.95/lb no
McCarty	Sandblast grit		Non haz/Class 1	1 CY box	CY Box	\$125/CY sack
McCarty	Non Haz Grease		Non haz/Class 1	1 drum	Drums	\$55/dm
McCarty	TPH Impacted Soil		Non haz/Class 1	2 drums	Drums	\$45/dm
McCarty	Used Oil		Recycle	2 drums	Drums	\$30/dm
McCarty	Batteries		Universal	1 CY Sack	CY Sack	\$150/CY sack
McCarty	Flourescent Lights V		Universal	1 - Box	ea	\$1.25
McCarty	Pipe Thread Protectors		Non haz/Class 1	Roll off	CY	\$50/yard

^{*}Disposal pricing subject to change pending final profile approval and receipt of waste. Treatment and disposal price above includes up to 2% solids and 5,000 ppm TOC. Additional charges may be assessed as follows:

- o \$0.03 per gallon for each additional 5,000 TOC
- o \$0.01 per gallon for each additional percentage solids
- o \$0.07 per gallon for heat treatment and/or specialty processing

Transportation rate at \$70 per hour plus fuel surcharge.

- All equipment utilizing motor fuel is subject to a 4 hour minimum and fuel surcharge based on the current market price of motor fuel. As of the date of this proposal, the current fuel surcharge rate is 9.5%.
- An energy recovery fee will be assessed on all disposal based on the current US Department of Labor Producer Price index and Labor for fuels. As of the date of this proposal, the energy recovery fee is 0.0%. A compliance surcharge of 1% is assessed on the total invoice based on compliance filing fees from federal and or state governments.

Annual Price	
20 - 20 - 50 - 54 20 - 15	
ss the rate	sheet: \$120/dm liquids, \$155/dm sludges, ple solids
	these were not included in their request, but
i	and the more more meaning and more required, but

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Quantity	Unit	Waste	Waste Classification	CES Proposed Management	Disposal Cost per Unit of Measure	Tranpsortation Cost*
2	drums	Waste Diesel	Hazardous	Recycle	\$45.00/drum	\$550.00/load
7	drums	Ethylene glycol/water mix	Nonhaz	Recycle	\$45.00/drum	\$550.00/load
1	drums	Telesis Waste (paint)	Hazardous	Dispose	\$100.00/drum (liquid)	\$550.00/load
4	drums	Oil Water Mix	Nonhaz	Recycle	\$45.00/drum	\$550.00/load
8	drums	Hocut Coolant	Nonhaz	Recycle	\$45.00/drum	\$550.00/load
13	drums	Ethylene glycol	Nonhaz	Recycle	\$45.00/drum	\$550.00/load
1	drums	Liquichlor***	Hazardous	Product	\$150.00/drum	\$550.00/load
4	drums	Unknown	Pending			\$550.00/load
1	30 gallon drum	Kerosene	Hazardous	Recycle	\$35.00/drum	\$550.00/load
56	5-gallon cans	Paint**	Hazardous	Dispose-NON HAZ	\$175.00/pallet (10/pallet)	\$550.00/load

Terms/Conditions/Explanations

- * Transporatation cost is per load. Approximately 90 55 gallon drums can be on one load. Therefore, it should only be one load.
- ** The MSDS given to me indicated the 5 gallon cans of paint are a latex paint. Therefore, they can be disposed of as non hazardous.
- *** We can bring the liquichlor in as a product provided it is unused.

The diesel, glycol and water mix, oily water, ethylene glycol, and kerosene can all be brought in as recyclable materials. We have a recycle programs for hydrocarbon wastes such as these.

All prices contingent upon profile approval.

Transporation cost includes 2 hours of loading and the fuel surcharge.

all trans per 10ad

Conroe	Oily Rags, Soil, and Plastic	Plant Operations	Non-haz, Class I	30,000 lbs	20 yd roll-off box	
					Any addl' fee for free	
					liquids (stabilization fee)	<u></u>
1					State Waste Fee	
					Box rental per day	ļ <u>.</u>
ľ					Box liners	
<u> </u>					Transportation per load	ļ
Conroe	Water-based Pipe	Coating Operation	Non-haz, Class I	1800 lbs	tote	
	Coating				State Waste Fee	· · · · · · · · · · · · · · · · · · ·
Commen	Drive Deleted Mesocial	Daint On anations	Universal Waste	800 lbs	Transportation per load 5- gallon buckets (liquids)	
Conroe	Paint Related Material	Paint Operations	Universal waste	800 108	drums (liquid)	
ł					5- gallon buckets (solids)	
ļ					drums (solids)	
:					disposal fee	
j					Transportation Fee	· · · · · · · · · · · · · · · · · · ·
Precision	Paint	Stenciling Operations	Universal Waste	25 gallons	drums (liquid)	
		0 1		Ü	disposal fee	
					transporation fee	
Precision	Bulbs	Plant Activities	Universal Waste		8 ft and 4ft bulb	
					disposal fee	
					Transportation Fee	
Precision	Adsorbent w/ oil	Generated from clean-	Non-Haz, Class I	15 drums	20 yd roll-off box	
l		up around facility			cubic yard (super sack)	
					drum	
ľ					Any addl' fee for free	
					liquids (stabilization fee) State Waste Fee	
					Box rental per day	
					Box liners	
l					Transportation per load	
Precision	Antifreeze	From repair of mobile	Class 1	25 gallons	drum	
1 100.0.0	Tallotta 4024	equipment		20 80	disposal fee	
					State Waste Fee	
					Transportation Fee	
Seacat	Filter/Rags/Absorbents	Plant	Non-Haz, Class 1	1 drum	drum	
					disposal fee	
ļ					State Waste Fee	
			···		Transportation Fee	
Seacat	Dust Collector Filters	Mills	Non-Haz, Class II	1 drum	drum	
					disposal fee	
Connect	D-44i (n:4)	Plant electronic	Universal Waste	1.611 11	Transporation Fee	
Seacat	Batteries (ni-cad)	equipment	Universal waste	1 5-gallon bucket	5-gallon bucket disposal fee	
		equipment			Transporation Fee	
Seacat	Light Bulbs-Flourescent	Plant activities	Universal Waste		8 ft and 4ft bulb	
Scacai	Light Daios-1 louicscent	1 lant activities	Oniversal waste		disposal fee	
1					Transportation Fee	
Seacat	Paint Products	Plant	Universal Waste	5 gallons	drum	
					disposal fee	
					Transportation Fee	
Seacat	Used Oil Filters	Plant activities	Used Oil	1 drum	drum	
					disposal fee	
1					Transportation Fee	
Texas	Absorbent with oil	Floor dry and sorbent	Non-Haz, Class I	1500 lbs	cubic yard (super sack)	
ARAI		soaked w/ oil	•			
l					Box rental per day	
[Box liners	
					disposal fee	
					State Waste Fee	
					Transportation per load	
Texas	Phosphate Solids	Phosphate Scale	Non-Haz, Class I	500 lbs	cubic yard (super sack)	
•	-	-	•			

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Fuel ourcharge mon be based on fuel index

ARAI		resulting from clean-out	Walter Control of the		Box rental per day	
		of zinc phosphating			Box liners	
					disposal fee	
					State Waste Fee	
					Transportation per load	
Texas	Tin Solids	Tin Sludge resulting	Non-Haz, Class I	100 lbs	Drum	
ARAI		from clean-out of tin			State Waste Fee	
		electrodes and tank			disposal fee	
					Transportation Fee	
Texas	Spent triethylene glycol	Generated from cleaning	Non-haz, Class I	110 gallons	tote	
ARAI		of plating baths			State Waste Fee	
					disposal fee	
					Transportation Fee	
Texas	Used Paint	Generated from paint	Universal Waste	55 gallons	drum (liquids)	
ARAI		operations			drum (<50% sludge)	
					drum (>50% sludge)	
					disposal fee	
					transportation fee	
Texas	High pH Paint Water	Generated from	Hazardous Waste	220 gallons	tote	
ARAI	• •	stripping couplings		•	tote (<50% sludge)	
		and/or paint coated			tote (>50% sludge)	
		equipment from			disposal fee	
		automated paintline			transportation fee	
Texas	Bulbs	Plant activities	Universal Waste		8ft and 4ft bulb	
ARAI					disposal fee	
					transportation fee	
McCarty	Phosphate Solids	Generated from cleaning	Non-Haz / Class 1	7 55-gallon drums	drum	
		of phosphate tanks			cubic yard	
					State Waste Fee	
					disposal fee	
					transportation fee	
McCarty	Oily	Generated from clean-	Non-Haz/Class 1	10 55-gallon drums	drum	
	Rags/Adsorbent/Filters	up around facility		-	cubic yard	
					State Waste Fee	
					disposal fee	
					transporation fee	
McCarty	Paint Waste	From Stenciling Activites	Universal Waste	55-gallon drum annuall		
					disposal fee	
					transportation fee	
McCarty	Phosphate Rinse Water	Generated from zinc	Non-Haz/Class 1	8,000 gallons	gallon	
		phosphating of pipe		-	disposal fee	
		threads			Transportation per load	
				I	tanker washout fee	

1							
Conroe	Oily Rags, Soil, and Plastic	Plant Operations	Non-haz, Class I	30,000 lbs ?	libs		
Conroe	Water-based Pipe Coating	Coating Operation	Non-haz, Class I	1800 lbs ?	lbs		
Conroe	Paint Related Material	Paint Operations	Universal Waste	800 lbs	lbs	40,88/16	
Conroe	Used Oil/Oily Water	Plant Operation	Used oil	1540 gallons	Gal	Magal	
Conroe	Used Coolant	ATL Building	Non-Haz	10 drums	Drums	Blz.Sldm	
Conroe	Mill Coolant	From cleanout of pits	Non-Haz	4000 gallons quarterly	Gal	.25/gal	
Precision	Synthetic coolant diluted with		Non-Haz, Class I	1,850 gallons	Gal	1201900	
i iccision	water 95% (20:1)	coils	14011-11a2, Class 1	1,650 ganons	Cai	.25/gal	
Precision	Hydroblast wastewater	Generated from hydrotesting of coils	Non-Haz,Class I	20,000 gallons	Gal	. to/gal	
Precision	Paint		Universal Waste	25 gallons 2	Gal		
Precision	Bulbs		Universal Waste		Gal	1,50ca	
Precision	Used Oil	Generated from machines.	Used oil	110 gallons	Drums	35/dm	
Precision	Adsorbent w/ oil	Generated from clean-up around facility	Non-Haz, Class I	15 drums	Drums	30100.	
Precision	Parts Cleaner Solvent	Parts Cleaning	Hazardous	25 gallons	Gal /din	7	
Precision	Antifreeze	From repair of mobile equipment	Class 1	25 gallons	Gal	.25/gol	
Seacat	Waste Water #1	Mill coolant/Fixer/developer	Non-Haz	2000 gallons	Gal		
Seacat	Waste Water #3	Hydrotest Waster	Non-Haz	2000 gallons	Gal	.10/gal	
Seacat	Filter/Rags/Absorbents	Plant	Non-Haz, Class 1	1 drum	Drums	842,50	
Seacat	Dust Collector Filters	Mills	Non-Haz, Class II	1 drum	Drums	338/dm	
Seacat	Batteries	Plant electronic equipment	Universal Waste	1 5-gallon bucket	Gal (162)	171,10	
Seacat	Light Bulbs-Flourescent	Plant activities	Universal Waste		- 400	1.2Seaf184	
Seacat	Paint Products	Plant	Universal Waste	5 gallons	Gal	?	
Seacat	Waste Oil & Filters	Hydraulic oil/Compressor oil/Forklift Oil	Used oil	1 drum	Drums	\$351dm	
Гехаs ARAI	Process Wastewater	Zn/Mg Phos and Tin/Zn Electroplating	Non-Haz, Class I	20,000 gallons	Gal	.ZSlopul	
Texas ARAI	Absorbent with oil	Floor dry and sorbent soaked w/ oil	Non-Haz, Class I	1500 lbs	lbs WK7.		

I(z,z):	*					2	Conference
Texas	Phosphate Sludge	Phosphate Scale resulting	Non-Haz, Class I	500 lbs	lbs		
ARAI	Phosphate Studge	from clean-out of zinc	Non-riaz, Class I	300 fos	ios		
Texas ARAI	Tin Sludge	Tin Sludge resulting from clean-out of tin electrodes and tank	Non-Haz, Class I	100 lbs	lbs		
Texas ARAI	Spent triethylene glycol	Generated from cleaning of plating baths	Non-haz, Class I	110 gallons	Gal	.ZSIgel	
Texas ARAI	Used Paint/Bulbs	Generated from paint operations, forklift batteries, and changing bulbs	Universal Waste	25 gallons	Gal		
Texas ARAI	Paint Wastewater/Sludge	Generated from paint waterwash booth, and stripping of parts	Universal Waste	165 gallons	Gal	-	
Texas ARAI	Used Oil	Clean-out of machines and forklift	Used Oil	330 gallons	Gal		
McCarty	Rinse water from zinc phosphate lines	Generated from Zinc Phosphating of pipe threads	Non-Haz / Class 1	8,000 gallons	Gal		
McCarty	Phosphate Sludge	Generated from cleaning of phosphate tanks	Non-Haz / Class 1	7 55-gallon drums	Drums		·
McCarty	Oily Rags/Adsorbent/Filters	Generated from clean-up around facility	Non-Haz/Class 1	10 55-gallon drums	Drums		
McCarty	Used Oil/Oily Water/Coolant	From Oil/Water Separators and tanks around facility and sumps from inside buildings	Non-Haz/Class 1	3,000 gallons	Gal		
McCarty	Paint Waste	From Stenciling Activities	Universal	1 55-gallon drum annually	Drums		

Facility	Waste stream	Generating Process	Waste Classification	Quantity Generated Monthly(unless stated otherwise)	Unit of Measure	Price	Annual Price	solid or liquid For with higher prise on as keich other to pay . 15/5cl. w/# Styckhons
Conroe	Oily Rags, Soil, and Plastic	Plant Operations	Non-haz, Class I	30,000 lbs	lbs	\$0.40/lb	-	tower of surface)
Conroe	Water-based Pipe Coating	Coating Operation	Non-haz, Class I	1800 lbs	lbs			solid or liquid
Conroe	Paint Related Material	Paint Operations	Universal Waste	800 lbs	lbs	\$0.88/lb \$0.48/gallon*		Put with higher page
Conroe	Used Oil/Oily Water	Plant Operation_	Used oil	1540 gallons	Gal	\$0,10/gallon*	*	an eskeic*
Conroe	Used Coolant	ATL Building	Non-Haz	10 drums	Drums	\$45.00/drum		5/C
Conroe	Mill Coolant	From cleanout of pits	Non-Haz	4000 gallons quarterly	Gal	\$0.25/gallon . K	* 20	often to yay, 15/gcl. w/x
Precision	Synthetic coolant diluted with water 95% (20:1)	Generated from cooling of coils	Non-Haz, Class I	1,850 gallons	Gal	\$0.25/gallon	R*	Styckthons
Precision	Hydroblast wastewater	Generated from hydrotesting of coils	Non-Haz,Class I	20,000 gallons	Gal	20		
Precision	Paint		Universal Waste	25 gallons	Gal	4	- Jane a	spant hon asout " the structure
Precision	Bulbs		Universal Waste		Gal	\$1.25/4ft bulb \$1.50/8ft bulb		spant from above w/lou bare vitt # suchapo Des not include boxes
Precision	Used Oil	Generated from machines.	Used oil	110 gallons	Drums	\$35.00/drum		pay #10/dm ~/ *
Precision	Adsorbent w/ oil	Generated from clean-up around facility	Non-Haz, Class I	15 drums	Drums	\$45.00/drum		- full 10/2m of the
Precision	Parts Cleaner Solvent	Parts Cleaning	Hazardous	25 gallons	Gal			per drum?
Precision	Antifreeze	From repair of mobile equipment	Class 1	25 gallons	Gal			per drum?
Seacat	Waste Water #1	Mill coolant/Fixer/developer	Non-Haz	2000 gallons	Gal	\$0.10/gallon*	1 1	HAZ??? Silver
Seacat	Waste Water #3	Hydrotest Waster	Non-Haz	2000 gallons	Gal	\$0.10/gallon*		
Seacat	Filter/Rags/Absorbents	Plant	Non-Haz, Class 1	1 drum	Drums	\$45.00/drum		
Seacat	Dust Collector Filters	Mills	Non-Haz, Class II	1 drum	Drums	\$30.00/drum		
Seacat	Batteries	Plant electronic equipment	Universal Waste	1 5-gallon bucket	Gal			per lb?
Seacat	Light Bulbs-Flourescent	Plant activities	Universal Waste			\$1.25/4ft bulb \$1.50/8ft bulb		
Seacat	Paint Products	Plant	Universal Waste	5 gallons	Gal			per drum?
Seacat	Waste Oil & Filters	Hydraulic oil/Compressor oil/Forklift Oil	Used oil	1 drum	Drums	\$35.00/drum		
Texas ARAI	Process Wastewater	Zn/Mg Phos and Tin/Zn Electroplating	Non-Haz, Class I	20,000 gallons	Gal			
						\$0.10/gallon*		

Facility	Waste stream	Generating Process	Waste Classification	Quantity Generated Monthly(unless stated otherwise)	Unit of Measure	Price	Annual Price	
Texas ARAI	Absorbent with oil	Floor dry and sorbent soaked w/ oil	Non-Haz, Class I	1500 lbs	lbs			
						\$0.38/lb		
Texas ARAI	Phosphate Sludge	Phosphate Scale resulting from clean-out of zinc phosphating	Non-Haz, Class I	500 lbs	lbs	\$40/drum dry \$50.00/drum wet		
Texas ARAI	Tin Sludge	Tin Sludge resulting from clean-out of tin electrodes and tank	Non-Haz, Class I	100 lbs	lbs	\$0.42/lb		
Texas ARAI	Spent triethylene glycol	Generated from cleaning of plating baths	Non-haz, Class I	110 gallons	Gal	\$0.10/gallon*]
Texas ARAI	Used Paint/Bulbs	Generated from paint operations, forklift batteries, and changing bulbs	Universal Waste	25 gallons	Gal			paint vs bul
Texas ARAI	Paint Wastewater/Sludge	Generated from paint waterwash booth, and stripping of parts	Universal Waste	165 gallons	Gal			bulk?
Texas ARAI	Used Oil	Clean-out of machines and forklift	Used Oil	330 gallons	Gal	\$0.10/gallon*		
McCarty	Rinse water from zinc phosphate lines	Generated from Zinc Phosphating of pipe threads	Non-Haz / Class 1	8,000 gallons	Gal	\$0.10/gal*		
McCarty	Phosphate Słudge	Generated from cleaning of phosphate tanks	Non-Haz / Class 1	7 55-gallon drums	Drums	\$40/ drum dry		
						\$50/dm wet	A	
McCarty	Oily Rags/Adsorbent/Filters	Generated from clean-up around facility	Non-Haz/Class 1	10 55-gallon drums	Drums	\$ 45/dm		
McCarty	Used Oil/Oily Water/Coolant		Non-Haz/Class 1	3,000 gallons	Gal	\$0.10/gal*		

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Facility	Waste stream	Generating Process	Waste Classification	Quantity Generated Monthly(unless stated otherwise)	Unit of Measure	Price	Annual Price
McCarry	Paint Waste	From Stenciling Activities	Universal	1.55-gallon drum annually	Drums	they don't have any?? I guess the rate sheet: \$120/dm liquids, \$155/dm sludges, \$245/dm solids, \$0.95/lb non- processible solids	
McCarty	Sandblast grit		Non haz/Class 1	1 CY box	CY Box	\$125/CY sack	
McCarty	Non Haz Grease		Non haz/Class 1	1 drum	Drums	\$55/dm	
McCarty	TPH Impacted Soil		Non haz/Class 1	2 drums	Drums	\$45/dm	
McCarty	Used Oil		Recycle	2 drums	Drums	\$30/dm	
McCarty	Batteries		Universal	1 CY Sack	CY Sack	\$150/CY sack	
McCarty	Flourescent Lights		Universal	1 - Box	ea	\$1.25	
McCarty	Pipe Thread Protectors		Non haz/Class 1	Roll off	CY	\$50/yard	

*Disposal pricing subject to change pending final profile approval and receipt of waste. A sample and analytical testing may be required to proprerly classify the waste. Treatment and disposal price above includes up to 2% solids and 5,000 ppm TOC. Additional charges may be assessed as follows:

- o \$0.03 per gallon for each additional 5,000 TOC
- o \$0.01 per gallon for each additional percentage solids
- o \$0.07 per gallon for heat treatment and/or specialty processing

Transportation rate at \$70 per hour plus fuel surcharge.

- All equipment utilizing motor fuel is subject to a 4 hour minimum and fuel surcharge based on the current market price of motor fuel. As of the date of this proposal, the current fuel surcharge rate is 9.5%.
- An energy recovery fee will be assessed on all disposal based on the current US Department of Labor Producer Price index and Labor for fuels. As of the date of this proposal, the energy recovery fee is 0.0%. A compliance surcharge of 1% is assessed on the total invoice based on compliance filing fees from federal and or state governments.

these were not included in their request, but they do ship this regularly

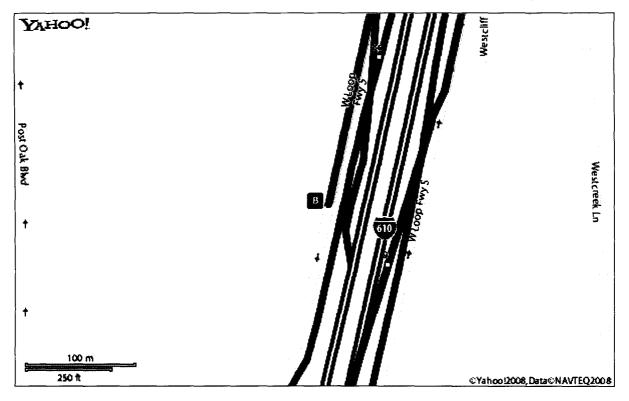
Directions to 2200 West Loop S, Houston, TX 77027-3502



Total Time: 17 mins, Total Distance: 13.22 mi

			Distance
Δ	1.	Start at 4904 GRIGGS RD, HOUSTON going toward CAROL LN	go 0.34 mi
	2.	Turn R on MARTIN LUTHER KING JR BLVD	go 0.8 mi
	3.	Bear R on S LOOP FWY E	go 0.64 mi
	4.	Take ramp onto I-610 W	go 6.89 mi
	5.	Continue on I-610 N	go 3.99 mi
	6.	Take exit #9/SAN FELIPE ST/POST OAK BLVD onto W LOOP FWY S	go 0.31 mi
	7.	Make a U-Turn on W LOOP FWY S	go 0.25 mi
ß	8.	Arrive at 2200 WEST LOOP S, HOUSTON, on the	

Time: 17 mins, Distance: 13.22 mi



When using any driving directions or map, it's a good idea to do a reality check and make sure the road still exists, watch out for construction, and follow all traffic safety precautions. This is only to be used as an aid in planning.

EPAHO082001287

awred 6.8.09

T.T. Barge (T.T. Barge Mile 237)

Hydrocorebon & Worker



4904 Griggs Road Houston, TX 77021 Tel. (713) 676-1460 Fax. (713) 676-1676

June 8, 2009

T.T. Barge Mile 237 Attn: Jeff Babin 5190 North River Road Port Allen, LA 70767

RE: Transportation and recycling costs for hydrocarbons and water

Dear Mr. Babin,

CES Environmental Services, Inc. appreciates the opportunity to present to you our proposal for the transportation and recycling of hydrocarbons and water from your barge cleaning operations. Please find below our proposed scope of service and associated pricing for your consideration.

Scope of Service

- CES will assist the generator in creating a profile for the recyclable water.
- Transportation will occur in two ways. One option is for CES to provide a driver and vacuum trailer to pump out the water from your facility. The second option is for TT Barge to send a barge to our sister company, PACES, in Port Arthur. CES will then pump the water off the barge and truck it to CES Houston for recycling.
- The water will be brought to CES, hydrocarbons reclaimed, water phase treated, and discharged to the City of Houston WWTP under permit.
- CES will provide all proper shipping documents.

Estimated Costs (Barge Option)

Transportation FOB via Barge then transported to Houston:
 Recycling Fee:
 \$0.08/gallon
 \$0.12/gallon

Estimated Costs (Small Batches Option)

Transportation Services:
 Recycling Fee:
 \$900.00/load
 \$0.12/gallon

4904 Griggs Road Houston, TX 77021 Tel. (713) 676-1460 Fax. (713) 676-1676

Conditions/Assumptions:

- 1. A profile must be approved prior to scheduling any disposal. Profile must be given at least 72 hours for approval.
- 2. An analysis may need to be run in order to properly classify the waste.
- 3. The recycling rate is valid up to 10,000 TOC. Any additional TOC will be charged at \$0.03/gal/5,000 TOC greater than 10,000 TOC.
- 4. The recycling rate is valid for up to 3% solids. Any additional solids will be charged at \$0.01/gal/1% greater than 3% solids.
- 5. Amount of oil allowed is unlimited.
- 6. Expected turnaround for barge is 10 days.
- 7. Cancelations must be given 24 hours in advance. If 24 hours notice is not given, a fee will be charged.
- 8. Transportation rate includes one hour free loading and unloading. Any additional loading time will be charged at \$70.00/hour.
- 9. Transportation rate does not include any applicable fuel surcharges as per the U.S. Department of Energy National Diesel Average. Fuel surcharges are evaluated on a monthly basis. The current rate for June 2009 is 9.5%
- 10. Energy surcharge will be charged according to the national average utility pricing index on all disposal services. At the time of this quote, the energy surcharge is 0.0%. Rate is subject to change on a monthly basis.
- 11. A 1% Compliance surcharge will be charged in order to stay compliant with federal and state government requirements. This surcharge is applied against the entire invoice (including other surcharges and direct fees).

Thank you again for the opportunity and your interest in CES Environmental Services, Inc. If you have any questions or need additional assistance, feel free to contact me at (713) 748-9804.

Sincerely, Dana R. Carter Account Manager Dana copy you falou

Laboratory Analysis Report

Total Number of Pages:

Job ID: 09030475



10100 East Freeway, Suite 100, Houston, TX 77029 tel: 713-453-6060, fax: 713-453-6091, http://www.ablabs.com

Client Project Name:

TT Barge Mile 237

Report To:

Client Name:

CES Environmental

Dana Carter

Client Address:

4904 Grigas Rd

City, State, Zip:

Houston, Texas, 77021

P.O.#.: 0309-21

Sample Collected By: Dana Carter

Date Collected: 03/13/09

A&B Labs has analyzed the following samples...

Client Sample ID

Matrix

A&B Sample ID

Non haz WW

Water

09030475.01

APR 03 2009



Released By: Shantall Carpenter Project Manager

Title: Date:

3/31/2009



This Laboratory is NELAP (T104704213-08B-TX) accredited. Effective: 07/01/2008; Expires: 06/03/2009 Scope: Non-Potable Water, Drinking Water, Air, Solid, Hazardous Waste

I am the laboratory manager, or his/her designee, and I am responsible for the release of this data package. This laboratory data package has been reviewed and is complete and technically compliant with the requirements of the methods used, except where noted in the attached exception reports. I affirm, to the best of my knowledge that all problems/anomalies observed by this laboratory (and if applicable, any and all laboratories subcontracted through this laboratory) that might affect the quality of the data, have been identified in the Laboratory Review Checklist, and that no information or data have been knowingly withheld that would affect the quality of the data.

This report cannot be reproduced, except in full, without prior written permission of A&B Labs. Results shown relate only to the items tested. Samples are assumed to be in acceptable condition unless otherwise noted. Blank correction is not made unless otherwise noted. Air concentrations reported are based on field sampling information provided

Date Received: 03/20/2009 08:50

LABORATORY TERM AND QUALIFIER DEFINITION REPORT



Job ID: 09030475

Date:

3/31/2009

General Term Definition

Back-Wt

Back Weight

BRL

Below Reporting Limit

cfu

colony-forming units Concentration

Conc. D.F.

Dilution Factor

Front-Wt

Front Weight

LCS

Laboratory Check Standard

LCSD

Laboratory Check Standard Duplicate

MS

Matrix Spike

MSD

Matrix Spike Duplicate

MW

Molecular Weight

Post-Wt

Post Weight

ppm Pre-Wt parts per million Previous Weight

Qualifier

RegLimit

Regulatory Limit

RPD **RptLimit** Relative Percent Difference Reporting Limit

surr

Surrogate

Time

TNTC

Too numerous to count

Qualifier Definition

APR 0 3 2005

LABORATORY TEST RESULTS

Job ID: 09030475

Date 3/31/2009

Client Name:

CES Environmental

Project Name:

TT Barge Mile 237

Attn: Dana Carter

Client Sample ID:

Job Sample ID:

09030475.01

Date Collected: Time Collected: Non haz WW 03/13/09 10:00

Sample Matrix

Water

Other Information:

	Parameter/Test Description	Result	Units	DF	Rpt Limit Reg Limit Q	Date Time	Analyst
SW-846 8021B	Purgeable Aromatics						<u> </u>
	Benzene	0.785	mg/L	10	0.02	03/20/09 16:31	HK
l	Toluene	0.769	mg/L	10	0.02	03/20/09 16:31	HK
	Ethylbenzene	0.218	mg/L	10	0.02	03/20/09 16:31	HK
1	m- & p-Xylenes	0.53	mg/L	10	0.04	03/20/09 16:31	HK
I	o-Xylene	0.519	mg/L	10	0.02	03/20/09 16:31	HK
I	Xylenes	1.049	mg/L	10	0.06	03/20/09 16:31	HK
I	Trifluorotoluene(surr)	102	%	10	75-125	03/20/09 16:31	HK

APR 0 3 2009

QUALITY CONTROL CERTIFICATE



Job ID: 09030475

Date:

3/31/2009

Analysis: Purgeable Aromatics

Method:

SW-846 8021B

Reporting Units: mg/L

QC Batch ID: Qb09032029

Created Date: 03/20/09

Created By: Hkhuc

Samples in This QC Batch:

: 09030475.01

Sample Preparation: PB09032421

Prep Method: SW-846 5030C

Prep Date: 03/20/09 16:30 **Prep By:**

Hkhuc

QC Type: Method B	lank					
Parameter	CAS #	Result	Units	D.F.	RptLimit	Qual
Benzene	71-43-2	BRL	mg/L	1	0.002	
Toluene	108-88-3	BRL	mg/L	1	0.002	1
Ethylbenzene	100-41-4	BRL	mg/L	1	0.002	
m- & p-Xylenes	108-38-3&106-42-3	BRL	mg/L	1	0.004	
o-Xylene	95-47-6	BRL.	mg/L	1	0.002	
Xylenes		BRL	mg/L	1	0.006	

QC Type: LCS and LCS	D					 -				
Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
Benzene	0.02	0.02	100	0.02	0.021	105	4.9	20	80-120	
Toluene	0.02	0.018	90	0.02	0.018	90	0	20	80-120	
Ethylbenzene	0.02	0.019	95	0.02	0.019	95	0	20	80-120	ļ
m- & p-Xylenes	0.04	0.040	100	0.04	0.040	100	0	20	80-120	
o-Xylene	0.02	0.017	85	0.02	0.017	85	0	20	80-120	1
Xylenes	0.06	0.057	95	0.06	0.057	95	0	20	80-120	ļ

QC Type: MS a	nd MSD											
QC Sample ID:	090304	79.01										
Parameter		Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
Benzene		BRL	0.02	0.02	100				-		80-120	
Toluene		BRL	0.02	0.018	90						80-120	
Ethylbenzene	·	BRL	0.02	0.019	95						80-120	
m- & p-Xylenes		BRL	0.04	0.036	90						80-120	
o-Xylene		BRL	0.02	0.017	85						80-120	
Xylenes		BRL	0.06	0.053	88.3						80-120	

APR 0 3 2009

A & B Labs (Char	in of Custod	lv	The C	hain of	Custo	dy is a Leg	al Docume	ent	Pa	ge of
10100 East Hwy (110) Ste. 100	11.	REPORT TO):	2.		Λοο ο	INVOICE TO:		3. PO#	7200,01
Houston, TX 77029	Company: CESE	NIVOM		Com	pany:	('est	2V)009-21
13-453-6060	Address: 4904	arias	s Page	Addi		_			4. Turnaro	und Time (Business Days)
1-877-478-6060 Toll Free 713-453-6091 Fax	HTI IN	NO TOTAL	7702			Same			☐ 1 Day*	☐ Other
ablabs.com	Tionan	CONTE				Inni	alk	mao	☐ 2 Days*	
	Contact:	10 00	XI	Cont			16-14			
A&B JOB ID # () () () (30 L) ()	Phone: 45-19	148-81	1 1	Phor		713.7	IC State	J	3 Days*	
5. Project #	Fax: E-mail: Garage	H8-00 ter@ce		Fax:		$\frac{115^{12}}{200}$	10-000		7 Days	- Standard
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TMMM (CANTON (10)	I K MIMON MI	MAL	The second secon	•	[S Metr	/^ / /			
DAB USE 9. Sample ID and Description	10. Samplino	11. 1	2.	Matrix		S Mest	TY /		' / /	
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11 MULLION	3100985	m							-	_ 1
2			A 23	3.4	.				T	511
3		21. RECE	IVED BY L	ABORATO	ry V	/	2 200	18,50	Temperature:	
*Containers: VOA - 40 ml vial A/G - Amb	er/Glass 1 Liter	**Preservat	ives: C - Co		HCI	N - HNO ₃	3 20 U s-H,so	112,70	Intact: Yor N	Initials DU
4 oz/8 oz - glass wide mouth P/O - Plas			OH - I		Na ₂ S ₂		1 4			
METHOD OF SHIPMENT		BILL OF I	_ADING/TR	ACKING #	V					annot accept verbal changes written changes to 713-453-6091
LAB USE ONLY SAMPLING ———— R	ENTAL	_ P/U							Samples	will be disposed of after 30 days

Sample Condition Checklist



Date: 03/31/09

A&B	JobID: 09030475	Date Received	: 03/	20/2009		Time F	Received :	8:50AM			
Clien	t Name : CES Environmental										
Tem	perature : 5.1°C	Sample pH:	N/A								
		Cł	neck Po	ints					Yes	No	
1.	Cooler seal present and signed.						N/A				
2.	Sample(s) in a cooler.								X		
3.	If yes, ice in cooler.								х		
4.	Sample(s) received with chain-of-	custody.							х		
5.	C-O-C signed and dated.							Х			
6.	Sample(s) received with signed sample custody seal.						N/A				
7.								X			
8.		quid Sludge	Solid	Cassette	Tube	Bulk	Badge	Food	Oth	_	
0.	. 🗆 🗅 🖸								L_	}	
9.	Sample(s) were received in appro	priate container(s	s).						X		
10.	0. Sample(s) were received with proper preservative						N/A	<u></u>			
11.	Sample(s) were received with pro	per preservative									
11.									X		
12.		d.							X		
	All samples were logged or labele	d. s									
12.	All samples were logged or labeled Sample ID labels match C-O-C ID	d. s ottles found.							×		
12. 13.	All samples were logged or labeled Sample ID labels match C-O-C ID' Bottle count on C-O-C matches bo	d. s ottles found. nalyses requested							X		
12. 13. 14.	All samples were logged or labeled Sample ID labels match C-O-C ID' Bottle count on C-O-C matches bo Sample volume is sufficient for an	d. s ottles found. nalyses requested							X X		
12. 13. 14.	All samples were logged or labeled Sample ID labels match C-O-C ID Bottle count on C-O-C matches bottle Sample volume is sufficient for an Samples were received within the	d. s ottles found. nalyses requested							X X X		
12. 13. 14. 15. 16.	All samples were logged or labeled Sample ID labels match C-O-C ID Bottle count on C-O-C matches be Sample volume is sufficient for an Samples were received within the VOA vials completely filled.	d. s ettles found. alyses requested. hold time.		lem:					X X X X N/A		
12. 13. 14. 15. 16.	All samples were logged or labeled Sample ID labels match C-O-C ID Bottle count on C-O-C matches be Sample volume is sufficient for an Samples were received within the VOA vials completely filled. Sample accepted.	d. s ettles found. alyses requested. hold time.		lem:					X X X X N/A		
12. 13. 14. 15. 16.	All samples were logged or labeled Sample ID labels match C-O-C ID Bottle count on C-O-C matches be Sample volume is sufficient for an Samples were received within the VOA vials completely filled. Sample accepted.	d. s ettles found. alyses requested. hold time.		lem:					X X X X N/A		

APR 03 2009

Received by: Dwright

Check in by/date: Dwright / 03/20/2009

Phone: 713-453-6060

www.ablabs.com

A & B Environmental Services, Inc.

10100 East Freeway, Suite 100 Houston, TX 77029 (713) 453-6060



Invoice

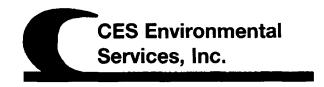
DATE INVOICE # 3/31/2009 116054

BILL TO

CES Environmental Services, Inc Attn: Accounts Payable 4904 Griggs Road Houston, TX 77021

TT Barge Mile 237 Sample: 03/13/09 Dana Carter

and	PRICE EA	090	MPLE ID NO. 030475.01 AMOUNT 35.0
QUANTITY ITEM CODE DESCRIPTION 1 BTEX BTEX APP		VCH	AMOUNT
1 BTEX BTEX OCS Interpolation of the second of the secon			
OES Internal April	35	5.00	35.0
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	0 3 2009	i	
DOSTE			
4-15-09	i		
Thank you for your business.			



4904 Griggs Road Houston, TX 77021 Tel. (713) 676-1460 Fax. (713) 676-1676

To: Dana Carter Date: 6/05/09

CC: Matt Bowman, Prabhaker, Clint Hopkins, Sam Brown

From: Miles Root Lab Memo: 09-109

Subject: TT Barge Evaluation 0609-04

A sample of waste water from TT Barge, mile 237, has been evaluated for potential processing at CES. This sample is evaluation 0609-04 and represents four batches per year receipts, with each batch containing approximately 20,000 gallons. This water is generated from the cleaning of barges. Overall, this water looks good for treatment initially in our heat tank to recover the trace amounts of oil and then processing the resulting water. Its acquisition is recommended.

This water has an oily sheen that phase separates out nicely with minimal heat and acid treatment. The neat water has a pH of 6 and an odor that is somewhat objectionable. It treats easily and without issues. The treated water has 5 ppm phenols, acceptable metals and a TOC of 5930 ppm. Our pricing should cover the higher TOC and heat treatment/acidification costs.

Since this is water is generated from barge cleaning operations it will be different each time it is received. This particular sample looks good for treatment and its acquisition is recommended. The table below summarizes the analytical testing.

TT Barge					
Evaluation 0609-04					
Solids, vol%	0				
Odor	Somewhat objectionable				
рН	6				
Phenols, ppm	5				
TOC, mg/L	5,930				
Oil, vol%	trace				
Treatability	Okay				
Metals, ppm					
Ni	0.141				
Zn	0.003				
Cu	0.023				
Cd	0.005				
Cr	0.000				

tenaul / Jeff on wowing now

Laboratory Analysis Report

Total Number of Pages:



10100 East Freeway, Suite 100, Houston, TX 77029 tel: 713-453-6060, fax: 713-453-6091, http://www.ablabs.com

Client Project Name: TT Barge Mile 237

Report To:

Client Name:

Attn:

CES Environmental

Dana Carter

Client Address: 4904 Griggs Rd
City, State, Zip: Houston, Texas, 77021

P.O.#.: 0309-21

Sample Collected By: Dana Carter

Date Collected: 03/13/09

A&B Labs has analyzed the following samples...

Client Sample ID Non haz WW Matrix Water A&B Sample ID

09030475.01



Released By: Shantall Carpenter
Title: Project Manager
Date: 3/31/2009



This Laboratory is NELAP (T104704213-08B-TX) accredited. Effective: 07/01/2008; Expires: 06/03/2009

Scope: Non-Potable Water, Drinking Water, Air, Solid, Hazardous Waste

I am the laboratory manager, or his/her designee, and I am responsible for the release of this data package. This laboratory data package has been reviewed and is complete and technically compliant with the requirements of the methods used, except where noted in the attached exception reports. I affirm, to the best of my knowledge that all problems/anomalies observed by this laboratory (and if applicable, any and all laboratories subcontracted through this laboratory) that might affect the quality of the data, have been identified in the Laboratory Review Checklist, and that no information or data have been knowingly withheld that would affect the quality of the data.

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Date Received: 03/20/2009 08:50

LABORATORY TERM AND QUALIFIER DEFINITION REPORT



Job ID: 09030475

Date:

3/31/2009

General Term Definition

Back-Wt

Back Weight

BRL

Below Reporting Limit

cfu

colony-forming units

Conc. D.F.

Concentration **Dilution Factor**

Front-Wt

Front Weight

LCS

Laboratory Check Standard

LCSD

Laboratory Check Standard Duplicate

MS

Matrix Spike

MSD

Matrix Spike Duplicate

MW

Molecular Weight

Post-Wt

Post Weight

ppm Pre-Wt parts per million Previous Weight

Qualifier

RegLimit

Regulatory Limit

RPD **RptLimit** Relative Percent Difference Reporting Limit

surr

Surrogate Time

TNTC

Too numerous to count

Qualifier Definition

LABORATORY TEST RESULTS

Job ID: 09030475

Date 3/31/2009

Client Name: Project Name: **CES Environmental**

TT Barge Mile 237

Client Sample ID:

Non haz WW

Date Collected: Time Collected: 03/13/09

Job Sample ID:

09030475.01

Attn: Dana Carter

Sample Matrix

Water

Other Information:

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit Reg Limit Q	Date Time	Analyst
SW-846 8021B	Purgeable Aromatics					-	
	Benzene	0.785	mg/L	10	0.02	03/20/09 16:31	HK
	Toluene	0.769	mg/L	10	0.02	03/20/09 16:31	HK
	Ethylbenzene	0.218	mg/L	10	0.02	03/20/09 16:31	HK
	m- & p-Xylenes	0.53	mg/L	10	0.04	03/20/09 16:31	HK
	o-Xylene	0.519	mg/L	10	0.02	03/20/09 16:31	HK
	Xylenes	1.049	mg/L	10	0.06	03/20/09 16:31	HK
	Trifluorotoluene(surr)	102	%	10	75-125	03/20/09 16:31	HK

QUALITY CONTROL CERTIFICATE



Job ID: 09030475

Date:

3/31/2009

Analysis: Purgeable Aromatics

Method:

SW-846 8021B

Reporting Units: mg/L

QC Batch ID: Qb09032029

Created Date: 03/20/09

Created By: Hkhuc

Samples in This QC Batch: 09030475.01

Sample Preparation: PB09032421

Prep Method: SW-846 5030C

Prep Date: 03/20/09 16:30 **Prep By:**

Hkhuc

QC Type: Method B	QC Type: Method Blank											
Parameter	CAS #	Result	Units	D.F.	RptLimit		Qual					
Benzene	71-43-2	BRL	mg/L	1	0.002							
Toluene	108-88-3	BRL	mg/L	1	0.002							
Ethylbenzene	100-41-4	BRL	mg/L	1	0.002							
m- & p-Xylenes	108-38-3&106-42-3	BRL	mg/L	1	0.004							
o-Xylene	95-47-6	BRL	mg/L	1	0.002							
Xylenes		BRL	mg/L	1	0.006							

QC Type: LCS and LCS	QC Type: LCS and LCSD											
Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual		
Benzene	0.02	0.02	100	0.02	0.021	105	4.9	20	80-120			
Toluene	0.02	0.018	90	0.02	0.018	90	0	20	80-120			
Ethylbenzene	0.02	0.019	95	0.02	0.019	95	0	20	80-120			
m- & p-Xylenes	0.04	0.040	100	0.04	0.040	100	0	20	80-120	•		
o-Xylene	0.02	0.017	85	0.02	0.017	85	0	20	80-120			
Xylenes	0.06	0.057	95	0.06	0.057	95	0	20	80-120			

QC Type: MS a	C Type: MS and MSD												
QC Sample ID:	090304	79.01											
Parameter		Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual	
Benzene		BRL	0.02	0.02	100						80-120		
Toluene	Ī	BRL	0.02	0.018	90						80-120		
Ethylbenzene		BRL	0.02	0.019	95						80-120		
m- & p-Xylenes		BRL	0.04	0.036	90						80-120		
o-Xylene		BRL	0.02	0.017	85						80-120		
Xylenes		BRL	0.06	0.053	88.3						80-120		

A & B Labs

Chain of Custody

10100 East Fwy (1-10) Ste. 100 Houston, TX 77029 713-453-6060 1-877-478-6060 Toll Free 713-453-6091 Fax ablabs.com	Address: LIGOL HUURI Contact: Dana Phone: 713-7	Coexee	Company: CCS Company: CCS Company: CCS Contact: Sum Contact: January Conta		3 PO# 201-21 4. Turnaround Time (Business Days) 1 Day* U Other 2 Days* 3 Days* *Surcharge applies
5. Project #	E-mail: U a Car	148-8664 ter@cescnsranm	Faxill 113-10	18-81069	7 Days - Standard
6. Project Name/Location Take Mile 7. Reporting Requirement: UTRRP Lumits only UTRRP Rpt. Package USec. 8. Sampler's Name & Company (PLEASE PRINT) Day of Sample ID and Description	22-1	elli 9 & Date	13. 14. Contai 15. Preser 16. PH-Lai 29 critico 17.	vatives**	
OIA Nonhaz ww		Soil Soil Oil	Other Z		18. REMARKS
19. RELINQUISHED BY	DATE TIM	E 20, RECEIVED BY		DATE TIME	22. KNOWN HAZARDS/COMMENTS
14 Amillarat	3-10-07-85 er/Glass 1 Liter	21. RECEIVED BY LABOR "Preservatives: C - Cool OH - NaOH BILL OF LADING/TRACKI	H HCI N - HNO T Na,S,O, X - Olhe	3 20 018,50	Temperature: 511 °C Intakt: Y or N Initials 1 A&B cannot accept verbal changes Please FAX written changes to 713-453-609

The Chain of Custody is a Legal Document

Page

of.

<u>ab</u>

Sample Condition Checklist

Date: 03/31/09

A&B	JobID: 09030475	Date Received :	03/2	0/2009		Time R	eceived :	8:50AM			
	t Name : CES Environmental										
	perature : 5.1°C	Sample pH :	N/A								
, (11)	JIA V	Campic pit i	,^		***						
											
		Che	ck Poi	nts					Yes	No	
1.	Cooler seal present and signed.								N/A		
2.	Sample(s) in a cooler.								Х		
3.	If yes, ice in cooler.								Х		
4.	Sample(s) received with chain-of-custody.										
5.	. C-O-C signed and dated.										
6.	Sample(s) received with signed sa	mple custody seal.							N/A		
7.	Sample containers arrived intact. (1								Χ		
8.	Matrix Water Soil Liqu			Cassette	Tube	Bulk	Badge	Food	Oth		
٥.	. 🗆 🗆 🗹									<u> </u>	
9.	Sample(s) were received in appropr	riate container(s).	1						Х		
10.	Sample(s) were received with prop	er preservative							N/A		
11. All samples were logged or labeled.											
12.	2. Sample ID labels match C-O-C ID's										
13.	Bottle count on C-O-C matches bott	tles found.							Х		
14.	Sample volume is sufficient for ana	lyses requested.							Χ		
15.	Samples were received within the h	nold time.							Х		
16.	VOA vials completely filled.								N/A		
17.	Sample accepted.								Х		
Com	ments : Include actions taken to res	olve discrepancies	/proble	m:							
							_				
Rece	ived by: Dwright			Check in	by/date :	Dwriaht /	03/20/2009				
	• • • • • • • • • • • • • • • • • • •				,, 		, ==, ====				
Phono	: 713-453-6060						• < :	ww.ablabs.	com		
FHOHE	. /10-100-0000						W	ww.abiabs.	COLLI		

Chain of Custody A & B Labs The Chain of Custody is a Legal Document Page INVOICE TO: 3. PO # 10100 East Fwy (I-10) Ste. 100 REPORT TO: Houston, TX 77029 Company: Company: 713-453-6060 4. Turnaround Time (Business Days) Address: Address: 1-877-478-6060 Toll Free ☐ 1 Day* ☐ Other 713-453-6091 Fax ablabs.com 2 Days* Contact: Contact: A&B JOB ID # Phone: Phone: ☐ 3 Days* *Surcharge applies Fax: 🗅 Fax: 🔾 7 Days - Standard 5. Project # E-mail:/0 E-mail: 🚨 6. Project Name/Location 13. 14. Containers 15. Preservatives** 16. PH-Lab Only 7. Reporting Requirement: No. of Containers ☐ TRRP Limits only ☐ TRRP Rpt. Package ☐ See Attached ☐ Standard Level II 17. 8. Sampler's Name & Company (PLEASE PRINT) Sampler's Signature & Date 9. Sample ID and Description 11. 10. Sampling 12. Matrix Sludge Comp. Grab Water Other Soil ō ₹ Time Date 18. REMARKS naz ulci EPAHO082001306 19. RELINQUISHED BY 20. RECEIVED BY DATE DATE 22. KNOWN HAZARDS/COMMENTS Temperature 21. RECEIVED BY LABO 3 20 UNY:50 N - HNO. *Containers: VOA - 40 ml vial A/G - Amber/Glass 1 Liter Intakt: Y or X - Other OH - NaOH T Na,S,O, 4 oz/8 oz - glass wide mouth P/O - Plastic/other A&B cannot accept verbal changes BILL OF LADING/TRACKING # METHOD OF SHIPMENT Please FAX written changes to 713-453-6091 Samples will be disposed of after 30 days RENTAL LAB USE ONLY SAMPLING -A&B reserves the right to return samples

Laboratory Analysis Report

Total Number of Pages:

Job ID: 09030475



10100 East Freeway, Suite 100, Houston, TX 77029 tel: 713-453-6060, fax: 713-453-6091, http://www.ablabs.com

Client Project Name:

TT Barge Mile 237

Report To:

Client Name:

CES Environmental

Dana Carter

Client Address: City, State, Zip:

4904 Griggs Rd Houston, Texas, 77021 P.O.#.: 0309-21

Sample Collected By: Dana Carter

Date Collected: 03/13/09

A&B Labs has analyzed the following samples...

Client Sample ID

Non haz WW

Matrix

A&B Sample ID

Water

09030475.01



Released By: Shantall Carpenter

Project Manager

Title: Date:

3/31/2009



This Laboratory is NELAP (T104704213-08B-TX) accredited. Effective: 07/01/2008; Expires: 06/03/2009 Scope: Non-Potable Water, Drinking Water, Air, Solid, Hazardous Waste

I am the laboratory manager, or his/her designee, and I am responsible for the release of this data package. This laboratory data package has been reviewed and is complete and technically compliant with the requirements of the methods used, except where noted in the attached exception reports. I affirm, to the best of my knowledge that all problems/anomalies observed by this laboratory (and if applicable, any and all laboratories subcontracted through this laboratory) that might affect the quality of the data, have been identified in the Laboratory Review Checklist, and that no information or data have been knowingly withheld that would affect the quality of the data.

This report cannot be reproduced, except in full, without prior written permission of A&B Labs. Results shown relate only to the items tested. Samples are assumed to be in acceptable condition unless otherwise noted. Blank correction is not made unless otherwise noted. Air concentrations reported are based on field sampling information provided by client.

Date Received: 03/20/2009 08:50

LABORATORY TERM AND QUALIFIER DEFINITION REPORT



Job ID: 09030475

Date:

3/31/2009

General Term Definition

Back-Wt Back Weight Post-Wt Post Weight BRL Below Reporting Limit parts per million ppm cfu colony-forming units Pre-Wt Previous Weight Conc. Concentration Q Qualifier D.F. **Dilution Factor** RegLimit Regulatory Limit

Front-Wt Front Weight RPD Relative Percent Difference LCS Laboratory Check Standard RptLimit Reporting Limit

LCSD Laboratory Check Standard Duplicate surr Surrogate
MS Matrix Spike T Time

MSD Matrix Spike Duplicate TNTC Too numerous to count

MW Molecular Weight

Qualifier Definition

LABORATORY TEST RESULTS

<u>a.b.</u>

Job ID: 09030475

Date 3/31/2009

Attn: Dana Carter

Client Name: CES Environmental

Project Name: TT Barge Mile 237

Client Sample ID: Non haz WW
Date Collected: 03/13/09
Time Collected: 10:00

Other Information:

Job Sample ID: 09030475.01 Sample Matrix Water

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit Reg Limit Q	Date Time	Analyst
SW-846 8021B	Purgeable Aromatics						
	Benzene	0.785	mg/L	10	0.02	03/20/09 16:31	HK
	Toluene	0.769	mg/L	10	0.02	03/20/09 16:31	HK
	Ethylbenzene	0.218	mg/L	10	0.02	03/20/09 16:31	HK
	m- & p-Xylenes	0.53	mg/L	10	0.04	03/20/09 16:31	HK
	o-Xylene	0.519	mg/L	10	0.02	03/20/09 16:31	HK
	Xylenes	1.049	mg/L	10	0.06	03/20/09 16:31	HK
	Trifluorotoluene(surr)	102	%	10	75-125	03/20/09 16:31	HK

QUALITY CONTROL CERTIFICATE



Job ID: 09030475

Date:

3/31/2009

Analysis: Purgeable Aromatics

Method:

SW-846 8021B

Reporting Units: mg/L

QC Batch ID: Qb09032029

Created Date: 03/20/09

Created By: Hkhuc

Samples in This QC Batch: 09030475.01

Sample Preparation: PB09032421

Prep Method: SW-846 5030C

Prep Date: 03/20/09 16:30 **Prep By:**

Hkhuc

QC Type: Method B	QC Type: Method Blank											
Parameter Parameter	CAS #	Result	Units	D.F.	RptLimit		Qual					
Benzene	71-43-2	BRL	mg/L	1	0.002							
Toluene	108-88-3	BRL	mg/L	1	0.002							
Ethylbenzene	100-41-4	BRL	mg/L	1	0.002		ĺ					
m- & p-Xylenes	108-38-3&106-42-3	BRL	mg/L	1	0.004							
o-Xylene	95-47-6	BRL	mg/L	1	0.002		l					
Xylenes		BRL	mg/L	1	0.006		İ					

QC Type: LCS and LCS	QC Type: LCS and LCSD												
Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual			
Benzene	0.02	0.02	100	0.02	0.021	105	4.9	20	80-120				
Toluene	0.02	0.018	90	0.02	0.018	90	0	20	80-120				
Ethylbenzene	0.02	0.019	95	0.02	0.019	95	0	20	80-120				
m- & p-Xylenes	0.04	0.040	100	0.04	0.040	100	0	20	80-120				
o-Xylene	0.02	0.017	85	0.02	0.017	85	0	20	80-120				
Xylenes	0.06	0.057	95	0.06	0.057	95	0	20	80-120				

QC Type: MS a	nd MSD										
QC Sample ID:	09030479.01										
Parameter	Sampl Resul		MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
Benzene	BRL	0.02	0.02	100						80-120	
Toluene	BRL	0.02	0.018	90						80-120	
Ethylbenzene	BRL	0.02	0.019	95						80-120	
m- & p-Xylenes	BRL	0.04	0.036	90						80-120	
o-Xylene	BRL	0.02	0.017	85						80-120	
Xylenes	BRL	0.06	0.053	88.3						80-120	

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	A & B Labs Cha	in of Custody	The Chain of Custo	ody is a Legal Document	Page of of .
	10100 East Fwy (1-10) Stc. 100 Houston, TX 77029 713-453-6060 1-877-478-6060 Tolt Free 713-453-6091 Fax ablabs.com A&B JOB ID #	Contact: Listy Lis	Company: Address: Contact: Phone:	CCS ENV Same Danista Tromas 113-15-1410 713-748-81064	3. PO# 4. Turnaround Time (Business Days) 1 1 Day* 1 Other 2 Days* 3 Days* Surcharge applies 7 Days - Standard
*	6. Project Name/Location TT Lalge Mile 7. Reporting Requirement:	231		13. 14. Containers* 15. Preservatives** 16. PH-Lab Only	
Page	B. Sampler's Name & Company (PLEASE PRINT) Company (PLEASE PRINT) Company (PLEASE PRINT) Company (PLEASE PRINT) Company (PLEASE PRINT) Company (PLEASE PRINT)	Sampler's Signature & Date 10. Sampling 11.	12. Matrix	No of Containers	
Page 5 of 6	OTA Nonhaz ww	Date Time & &	Soil Soil Siudge Oil Air Other		18. REMARKS
			i		
	19. RELINQUISHED BY 1 2 3	3200 85m	EIVED BY	DATE TIME	22. KNOWN HAZARDS/COMMENTS Tomporature: 511°C
•		aber/Glass 1 Lifer "Preserva	OH - NACH T NA.S	N - HNO, S - H, 50,	A&B cannot accept verbal changes Please FAX written changes to 713-453-609 Samples will be dispersed of after 30 days



Sample Condition Checklist

Date: 03/31/09

A&B	JobID :	0903047	5	Da	te Received	: 03/	20/2009		Time	Received :	8:50AM		
Clien	it Name :	CES Envi	ronmen	tal		-							
Tem	perature :	5.1°C		Sa	mple pH :	N/A	\						
					Cł	neck Po	ints					Yes	No
1.	Cooler sea	al present a	nd signe	d.								N/A	
2.	Sample(s) in a cooler	•									х	
3.	If yes, ice	in cooler.										Х	
4.	Sample(s) received w	ith chair	n-of-custo	dy.							Х	
5.	C-O-C sig	ned and dat	ed.									х	
6.	Sample(s) received w	ith sign	ed sample	custody sea	al.						N/A	
7.					comment).							х	
8.	Matrix :	Water	Soil	Liquid	Sludge	Solid	Cassette	Tube	Bulk —	Badge	Food	Oth	
				$\overline{\mathbf{V}}$				Ļ				L	}
9.					container(s	s).						X	
10. Sample(s) were received with proper preservative						N/A							
11.		es were logg										X	<u> </u>
12.	12. Sample ID labels match C-O-C ID's							X					
13. Bottle count on C-O-C matches bottles found.							X	<u> </u>					
14.	<u> </u>				s requested.							X	ļ
15.	 	were receive		the hold	time.							X	
16.	}	completely	filled.									N/A	ļ
17.	Sample a	-										X	<u></u>
Com	ments : Inc	clude action	s taken (to resolve	discrepancie	es/prob	lem:						
				B)									
Rec	eived by :	Dwright					Check i	n by/date :	Dwright	/ 03/20/2009	•		
Phone: 713-453-6060 www.ablabs.com													



March 13, 2009

Mr. Ronald Gemeinhardt VRM Group, L.P. 2323 Clearlake City Boulevard, #180-184 Houston, TX 77062

22 dr soil 3 dr water

RE: Waste Generator Statement

25 55-Gallon Drums 9633 Westheimer Houston, Texas 77063

Envirotest Project Number: HOU 09 0171

Dear Gemeinhardt:

Waste contained in the 55-gallon drums located at the above referenced property was generated during the installation of three (3) groundwater monitoring wells. Twenty-two (22) of the drums contain soil cuttings. Three (3) of the drums contain purgewater generated during development and purging of the groundwater wells. The wells were installed as part of delineation of groundwater impacts in a saturated zone located approximately fifty-five (55) feet below ground surface. There have been no known on-site sources at the property that would have had the potential to result in soil contamination. The investigation was performed as part of activities required for a Texas Commission on Environmental Quality (TCEQ) Voluntary Cleanup Program (VCP) site on a north adjacent property. The VCP site is undergoing monitoring due to the presence of soil and groundwater impacts resulting from a release at a dry cleaning facility. Discussions with the TCEQ led to the determination that, due to the lack of a presence of a historic source at 9633 Westheimer, soil collection and analysis was not necessary during the investigation.

Analytical data for purgewater contained in the drums is attached. Please advise me as to anything else you need to facilitate disposal of the drums at the property.

Sincerely,

Matthew R. Monroe M.S. Environmental Project Manager

- that Ilon

Envirotest, Ltd.

HOUSTON • CORPUS CHRISTI • BEAUMONT
CORPORATE OFFICE: 3902 BRAXTON DRIVE • HOUSTON, TX 77063 • VOICE 713782-4411 •
TOLL FREE 1-800-468-1736 • FAX 713-782-3428 • WWW.ENVIROTESTLTD.COM



Attachments:

1) Laboratory Analytical Data - Groundwater



Vertex Residual Management 2323 Clear Lake City Bivd #180-184 Houston, Texas 77062

281-486-4182

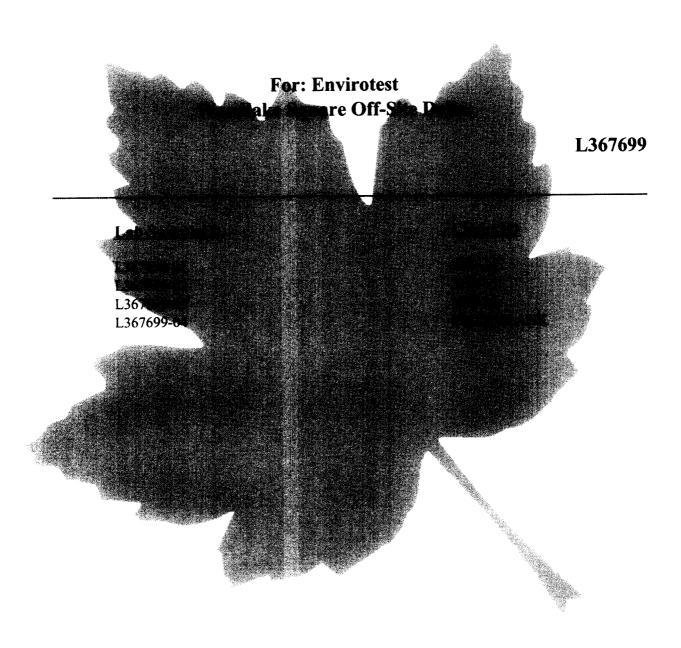
Providing Environmental Compliance, Cost-Effective Strategies and Services

www.vrmus.com											
Material Info	rmation Pick-	up Re	q	ues	t						
Company Name	Envirotest, Ltd.						***************************************				
Site Contact	Matt Monroe										
Contact Phone	713-782-4411										
Email Address	mmonroe@envirotest	ltd.com									
Contact Fax	713-532-3931										
Site Address	9633 Westheimer										
City/State/Zip	Houston, Texas 7706	3									
	Altovo	7 7 Y	es	✓ No	- i	f No, comple	te section below				
Contact	Doug Stewart										
Contact Phone	713-782-4411				·	***************************************		, , , , , , , , , , , , , , , , , , , ,			
Email Address	dstewart@envirotestlt	ld.com									
Contact Fax	713-532-3931										
Contact Address	3902 Braxton										
City/State/Zip	Houston, Texas 7706	3									
Describe Material	Soil cuttings/Purgewa	ter									
Accumulation Date	9-9-08 through 12-05	-8									
Sampling Date	9-9-08 (groundwater)		9 (soil)							
Process generating material	Phase II Subsurface I	Investiga	tio	n/Well	Inst	allation					
Handling Instructions	Dispose at appropriat	e facility									
Drum	How Many? 25	Туре	: :	55-gal	on	Steel	Drum ID #: Vario	us/Labled			
Roll-off Bin	How Many?	Bin 1	V	olume)	cu yds	Bin 2 Volume	cu yds.			
Bin supplied by											
Bulk Pile	Size	Yds			.						
Tank	gallons										
Other											
Location of	West side of building	towards	res	ar of bu	ildir	n					
container	TVCSt Side of building	·····				'y·					
Generator Knowl	edge Statement		V	Yes		No					
Material Safety Data Sheet (MSDS) Yes ✓ No											
Representative Sample Analysis ✓ Yes No											
Request											
Completed By	Matt Monroe										
Phone	713-782-4411		F	ax 71	3-53	2-3931					
Email	mmonroe@envirotest	mmonroe@envirotestltd.com									
_111411	Innovince Wen vince strong control										

Date: 3/13/09

Updated 07/15/08 KCW

Environmental Science Corporation Mount Juliet, TN



(615) 758-5858 1-800-767-5859 Fax (615) 758-5859

EST. 1970

Appendix A Laboratory Data Package Cover Page

This data pa	ackage consists of:
	This signature page, the laboratory review checklist, and the following reportable dat

- R1 Field chain-of-custody documentation;
- R2 Sample identification cross-reference;
- R3 Test reports (analytical data sheets) for each environmental sample that includes:
 - a) Items consistent with NELAC 5.13 or ISO/IEC 17025 Section 5.10
 - b) dilution factors.
 - c) preparation methods,
 - d) cleanup methods, and
 - e) if required for the project, tentatively identified compounds (TICs).
- R4 Surrogate recovery data including:
 - a) Calculated recovery (%R), and
 - b) The laboratory's surrogate QC limits.
- R5 Test reports/summary forms for blank samples;
- R6 Test reports/summary forms for laboratory control samples (LCSs) including:
 - a) LCS spiking amounts,
 - b) Calculated %R for each analyte, and
 - c) The laboratory's LCS QC limits.
- R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
 - a) Samples associated with the MS/MSD clearly identified,
 - b) MS/MSD spiking amounts,
 - c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
 - d) Calculated %Rs and relative percent differences (RPDs), and
 - e) The laboratory's MS/MSD QC limits
- R8 Laboratory analytical duplicate (if applicable) recovery and precision:
 - a) the amount of analyte measured in the duplicate,
 - b) the calculated RPD, and
 - c) the laboratory's QC limits for analytical duplicates.
- R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;
- R10 Other problems or anomalies.

The Exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release Statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exception reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratory in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data.

Check, if applicable: [] This laboratory is an in-house laboratory controlled by the person responding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

William Mock Operations Manager Environmental Science Corp.

RG-366/TRRP-13 December 2002

		dix A (cont'd): Laboratory Review Checkli								
			RC Date: 10/07/08	0 1 04						
Proj	ect N	ame: Woodlake Square Off-Site Delin.	aboratory Job Number:L367699-01, -02	2, an	<u>d -0</u>	4				
Revi	iewer	Name: ESC Representative Pr	rep Batch Number(s): WG387069 V8260							
#1	A ²	Description		Yes	No	NA ³	NR ⁴	ER#		
		Chain-of-custody (C-O-C)								
RI	OL	Did samples meet the laboratory's standard conditions of san	nple acceptability upon receipt?	7						
		Were all departures from standard conditions described in an	exception report?	1						
R2	OI	Sample and quality control (QC) identification		H		-	 	 		
	<u> </u>	Are all field sample ID numbers cross-referenced to the labor	ratory ID numbers?	7		-	-	 		
		Are all laboratory ID numbers cross-referenced to the corresp		7		—		_		
u	OI					 		 		
	 •	Were all samples prepared and analyzed within holding times	s?	7						
		Other than those results < MQL, were all other raw values br		7		 	 	 		
		Were calculations checked by a peer or supervisor?	accept by carronation standards.	7		-	├			
]	Were all analyte identifications checked by a peer or supervise	sor?	7		 	 	 		
		Were sample quantitation limits reported for all analytes not				-		-		
	1			 		\vdash	-	-		
	j	Were all results for soil and sediment samples reported on a dry weight basis?					-	-		
	[Were % moisture (or solids) reported for all soil and sediment samples?						_		
R4	0	If required for the project, TICs reported?				-		<u> </u>		
	<u>U</u>	Surrogate recovery data Were surrogates added prior to extraction?			-	_		-		
		Were surrogates added prior to extraction? Were surrogate percent recoveries in all samples within the la	aboratory OC limita?	1			├			
15	OI		aboratory QC rimits?	-		-				
	UI.	Test reports/summary forms for blank samples						 		
	[Were appropriate type(s) of blanks analyzed?		4		-		├─		
		Were blanks analyzed at the appropriate frequency?				-				
		Were method blanks taken through the entire analytical proce	ess, including preparation and, if	1				ĺ		
		applicable, cleanup procedures?						 		
	01	Were blank concentrations < MQL?		✓		_	 	 -		
₹6	OI	Laboratory control samples (LCS):				-		<u> </u>		
	1	Were all COCs included in the LCS?	: 1 1:	V						
		Was each LCS taken through the entire analytical procedure,	including prep and cleanup steps?	Ý		_				
	l	Were LCSs analyzed at the required frequency?	001:3-2	✓						
	İ	Were LCS (and LCSD, if applicable) %Rs within the laborate			✓_	-		μ		
		Does the detectability data document the laboratory's capabil	ity to detect the COCs at the MDL used	1				ĺ		
	l	to calculate the SQLs? Was the LCSD RPD within QC limits?						 		
27	OI			Y		-				
-	<u> </u>	Matrix spike (MS) and matrix spike duplicate (MSD) data Were the project/method specified analytes included in the M				\vdash				
	1	Were the project method specified analyses included in the N Were MS/MSD analyzed at the appropriate frequency?	is and MSD:	Y		-				
		Were MS (and MSD, if applicable) %Rs within the laborator	n OC limite?	Y		├	_			
		Were MS/MSD RPDs within laboratory QC limits?	y QC mints:	V		-	ļ	_		
R8	OI	Analytical duplicate data		-	Y	-		2		
	01	Were appropriate analytical duplicates analyzed for each mat	riv')	\vdash		7	_	 		
		Were analytical duplicates analyzed at the appropriate freque				Y				
		Were RPDs or relative standard deviations within the laborat				4				
29	01	Method quantitation limits (MQLs):	ory QC minus:			Y				
		Are the MQLs for each method analyte included in the labora	atory data package?	 		$\vdash \vdash \vdash$	-	-		
		Do the MQLs correspond to the concentration of the lowest r		Ž		$\vdash \vdash \vdash$		-		
		Are unadjusted MQLs included in the laboratory data packag		Y		-				
110	OI	Other problems/anomalies	, , , , , , , , , , , , , , , , , , ,	X			\vdash			
		Are all known problems/anomalies/special conditions noted in	in this I PC and EP?				ЬН			
		Were all necessary corrective actions performed for the repor		Y						
				Y		-	\vdash			
	[Was applicable and available technology used to lower the So	QL minimize me mairix interference	 				ı		
	L	affects on the sample results? tems identified by the letter "R" must be included in the laboratory da		لـنا		لـــــا				

^{1.} Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.

RG-366/TRRP-13 December 2002

⁼ organic analyses; I = inorganic analyses (and general chemistry, when applicable);

NA = Not applicable;
NR = Not reviewed;
ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports						
Laboratory Name: Environmental Science Corp.	LRC Date: 10/7/2008					
Project Name: Woodlake Square Off-Site Delin.	Laboratory Job Number: L367699					
Reviewer Name: ESC Representative Prep Batch Numbers: WG387069 V8260						

Sample(s) MW-14, MW-15, FIELD BLANK were analyzed for

EF	t#: Description
1	The laboratory control sample or laboratory control sample duplicate recoveries were outside the laboratory control limits for Acrolein
2	The relative percent differences exceeded laboratory limits for 2-Chloroethyl vinyl ether

Аp	pen	dix A (cont'd): Laboratory Review Checkli	st: Reportable Data					
Labo	orator	y Name:Environmental Science LI	RC Date: 10/07/08					
Proj	ect N	ame: Woodlake Square Off-Site Delin.	aboratory Job Number:L367699-01, -02	, an	d -0	4	-	-
Revi	ewer	Name: ESC Representative Pr	rep Batch Number(s): WG387069 V8260					
#1		Description		Yes	No	NA'	NR ⁴	ER#
		Chain-of-custody (C-O-C)						
Rı	ΩL	Did samples meet the laboratory's standard conditions of sam	nnle accentability unon receint?	7		-	-	
N1	0.	Were all departures from standard conditions described in an		7	ļ <u> </u>	-		
D2			- Characteristic Control of Contr	-	-			
R2	OI	Sample and quality control (QC) identification Are all field sample ID numbers cross-referenced to the labor	roton: ID sumbore?	7		-	-	
	}	Are all laboratory ID numbers cross-referenced to the corresponding to t		-				
ย	01	Test reports	Rollding QC data:	×		-		
_	<u> </u>	Were all samples prepared and analyzed within holding time	دی			 		
		Other than those results < MQL, were all other raw values br		7		_		
		Were calculations checked by a peer or supervisor?	and of an order	7		-		
		Were all analyte identifications checked by a peer or supervisit.	sor?	7	_			
		Were sample quantitation limits reported for all analytes not		7			\vdash	_
		Were all results for soil and sediment samples reported on a		7				
		Were % moisture (or solids) reported for all soil and sedimer		7				
		If required for the project, TICs reported?				1		Г
₹4	0	Surrogate recovery data						Г
	<u> </u>	Were surrogates added prior to extraction?	7	1				
		Were surrogate percent recoveries in all samples within the le	aboratory QC limits?	1				
25	01	Test reports/summary forms for blank samples						
		Were appropriate type(s) of blanks analyzed?		1				
		Were blanks analyzed at the appropriate frequency?		1				
		Were method blanks taken through the entire analytical processing	ess, including preparation and, if	1				
		applicable, cleanup procedures?						<u> </u>
		Were blank concentrations < MQL?		✓	L	<u> </u>		
₹6	OI	Laboratory control samples (LCS):						
		Were all COCs included in the LCS?		1	<u> </u>			
		Was each LCS taken through the entire analytical procedure,	including prep and cleanup steps?	Ļ			\sqcup	
1		Were LCSs analyzed at the required frequency?		✓	 _			<u> </u>
		Were LCS (and LCSD, if applicable) %Rs within the laborat			✓	 	<u> </u>	1_
	l	Does the detectability data document the laboratory's capabi	lity to detect the COCs at the MDL used	1				İ
		to calculate the SQLs?		<u> </u>	<u> </u>		-	
17	OI.	Was the LCSD RPD within QC limits?	_	Y				
	01	Matrix spike (MS) and matrix spike duplicate (MSD) dat		-	<u> </u>	-	_	
		Were the project/method specified analytes included in the N Were MS/MSD analyzed at the appropriate frequency?	13 and MSD?	Υ,				┢
		Were MS (and MSD, if applicable) %Rs within the laborator	v OC limite?	4	-		\vdash	
		Were MS/MSD RPDs within laboratory QC limits?	y QC mines:	_	7	-		2
88	ΟI	Analytical duplicate data			┸		\vdash	F
_	<u> </u>	Were appropriate analytical duplicates analyzed for each mat	rix?		 	7		
		Were analytical duplicates analyzed at the appropriate freque			 	7		
		Were RPDs or relative standard deviations within the laborate				1		
19	OI	Method quantitation limits (MQLs):			 			
	<u> </u>	Are the MQLs for each method analyte included in the labor	atory data package?	7	 			
	}	Do the MQLs correspond to the concentration of the lowest		7				
		Are unadjusted MQLs included in the laboratory data packag		7	 			
110	Οl	Other problems/anomalies			 			
	1	Are all known problems/anomalies/special conditions noted	in this LRC and ER?	7				
		Were all necessary corrective actions performed for the report		7				
	1	Was applicable and available technology used to lower the S						
	1	affects on the sample results?		V	l	1		į

^{1.} Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.

RG-366/TRRP-13 December 2002

^{2. =} organic analyses; 1 = inorganic analyses (and general chemistry, when applicable);

NA = Not applicable;
 NR = Not reviewed;

^{5.} ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports						
Laboratory Name: Environmental Science Corp.	LRC Date: 10/7/2008					
Project Name: Woodlake Square Off-Site Delin. Laboratory Job Number: L367699						
Reviewer Name: ESC Representative	Prep Batch Numbers: WG387069 V8260					

Sample(s) MW-14, MW-15, FIELD BLANK were analyzed for

ER	#: Description
1	The laboratory control sample or laboratory control sample duplicate recoveries were outside the laboratory control limits for Acrolein
2	The relative percent differences exceeded laboratory limits for 2-Chloroethyl vinyl ether

Ap	pen	dix A (cont'd): Laboratory Review Checklis	t: Reportable Data						
Labo	orator	y Name:Environmental Science LR	C Date: 10/07/08						
Proje	ect N	ame: Woodlake Square Off-Site Delin. Lat	poratory Job Number:L367699-03						
Revi	ewer	Name: ESC Representative Pre	p Batch Number(s): WG387247 V8260						
#1	A^2	Description		Yes	No	NA ³	NR ⁴	ER#	
		Chain-of-custody (C-O-C)	**************************************						
RI	ΩI	Did samples meet the laboratory's standard conditions of samples	nle accentability unon receint?	7	المترسينا				
κ,	O1	Were all departures from standard conditions described in an e							
D2	<u> </u>	,	cacpion report:	-					
R2	OI	Sample and quality control (QC) identification							
-		Are all field sample ID numbers cross-referenced to the labora Are all laboratory ID numbers cross-referenced to the correspondence		✓,					
R3	OI.		onding QC data?	1					
K)	OI_	Test reports		-					
- 1		Were all samples prepared and analyzed within holding times		√					
- 1		Other than those results < MQL, were all other raw values bra	cketed by calibration standards?	4 ,					
1		Were calculations checked by a peer or supervisor?		V,		Ш			
		Were all analyte identifications checked by a peer or supervise		1					
		Were sample quantitation limits reported for all analytes not d		V					
		Were all results for soil and sediment samples reported on a di		\checkmark					
		Were % moisture (or solids) reported for all soil and sediment	samples?	✓					
		If required for the project, TICs reported?				$oldsymbol{\checkmark}$			
R4	0	Surrogate recovery data							
		Were surrogates added prior to extraction?							
		Were surrogate percent recoveries in all samples within the lal	poratory QC limits?	1					
R5	OI	Test reports/summary forms for blank samples							
		Were appropriate type(s) of blanks analyzed?							
		Were blanks analyzed at the appropriate frequency?		1					
ı		Were method blanks taken through the entire analytical process	ss, including preparation and, if						
		applicable, cleanup procedures?		√					
		Were blank concentrations < MQL?		7					
R6	ΟI	Laboratory control samples (LCS):							
		Were all COCs included in the LCS?		7					
.		Was each LCS taken through the entire analytical procedure, i	ncluding prep and cleanup steps?	1					
		Were LCSs analyzed at the required frequency?		7					
		Were LCS (and LCSD, if applicable) %Rs within the laborato	ry OC limits?	7					
		Does the detectability data document the laboratory's capabili		1					
	ŀ	to calculate the SQLs?	-,						
		Was the LCSD RPD within QC limits?							
R7	ΟI	Matrix spike (MS) and matrix spike duplicate (MSD) data							
		Were the project/method specified analytes included in the MS	S and MSD?	7					
		Were MS/MSD analyzed at the appropriate frequency?		7					
		Were MS (and MSD, if applicable) %Rs within the laboratory	OC limits?		J			1	
		Were MS/MSD RPDs within laboratory QC limits?			J			2	
R8	OI	Analytical duplicate data	**************************************	Н	· ·				
-	٠.	Were appropriate analytical duplicates analyzed for each matri	ix?			7			
		Were analytical duplicates analyzed at the appropriate frequen		\vdash		7			
		Were RPDs or relative standard deviations within the laborato		\vdash		7			
R9	OI	Method quantitation limits (MQLs):	., 20 1111101	Н		_			
	Ť	Are the MQLs for each method analyte included in the laborat	ory data package?	7		-			
		Do the MQLs correspond to the concentration of the lowest no				\vdash	-		
		Are unadjusted MQLs included in the laboratory data package							
RIO	OI	Other problems/anomalies		*		-			
	٠.	Are all known problems/anomalies/special conditions noted in	this LRC and FR?	.7		\vdash			
		Were all necessary corrective actions performed for the report				 			
		Was applicable and available technology used to lower the SQ		Y		\vdash			
		affects on the sample results?	L mannize the matrix interference	√			l		
	L	tems identified by the letter "R" must be included in the laboratory dat		ـــــا					

^{1.} Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.

RG-366/TRRP-13 December 2002

⁼ organic analyses; 1= inorganic analyses (and general chemistry, when applicable); NA = Not applicable; NR = Not reviewed;

ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports						
Laboratory Name: Environmental Science Corp.	LRC Date: 10/7/2008					
Project Name: Woodlake Square Off-Site Delin.	Laboratory Job Number: L367699					
Reviewer Name: ESC Representative	Prep Batch Numbers: WG387247 V8260					

Sample(s) MW-16 were analyzed for Volatile Organic Compounds by

ER#: Description

- 1 The matrix spike or matrix spike duplicate recoveries were over the laboratory control limits for 2-Chloroethyl vinyl ether. The matrix spike or matrix spike duplicate recoveries were below the laboratory control limits for 1,4-Dichlorobenzene.
- The relative percent differences exceeded laboratory limits for 1,1,1,2-Tetrachloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,2-Dibromoethane, 1,3,5-Trimethylbenzene, 1,3-Dichlorobenzene, 1,3-Dichloropropane, 1,4-Dichlorobenzene, 2-Chloroethyl vinyl ether, 2-Chlorotoluene, 4-Chlorotoluene, Acrolein, Bromobenzene, Bromoform, Chlorobenzene, Chlorodibromomethane, Ethylbenzene, Isopropylbenzene, Methylene Chloride, n-Propylbenzene, p-Isopropyltoluene, sec-Butylbenzene, Styrene, tert-Butylbenzene, Tetrachloroethene, and Xylenes, Total



Tax I.D. 62-0814289

Est. 1970

Matt Monroe Envirotest 3902 Braxton St.

Houston, TX 77063

Report Summary

Tuesday October 07, 2008

Report Number: L367699 Samples Received: 10/01/08 Client Project: HOU 080109

Description: Woodlake Square JCP

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesifate to call.

Entire Report Reviewed By:

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2277, CT - PH-0197, FL - E87487 GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, CC - ENV375, DW21704, ND - R-140 NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WY - 233 AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

Jarred Misses

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Page 1 of 11

9 of 41

Representative



Tax 1.5. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Matt Monroe Envirotest 3902 Braxton St. Houston, TX 77063

Sample ID

October 07, 2008

ESC Sample # : L367699-01

Date Received

October 01, 2008 Woodlake Square Off-Site Delin. Description

(MW-14

Site ID :

Project # : HOU 080109 Collected By

J. Boyle 09/29/08 14:34 Collection Date :

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Volatile Organics								
Acetone	U	0.0089	0.050	mq/1		8260B	10/04/08	1
Acrolein	U	0.014	0.050	mg/l	J4	8260B	10/04/08	1
Acrylonitrile	U	0.0017	0.010	mg/l		8260B	10/04/08	1
Benzene	U	0.00029	0.0010	mq/l		8260B	10/04/08	1
Bromobenzene	U	0.00024	0.0010	mq/1		8260B	10/04/08	1
Bromodichloromethane	U	0.00037	0.0010	mg/l		8260B	10/04/08	
Bromoform	U	0.00051	0.0010	mg/l		8260B	10/04/08	1
Bromomethane	Ü	0.00089	0.0050	mq/1		8260B	10/04/08	1
n-Butylbenzene	U	0.00023	0.0010	mq/1		8260B	10/04/08	1
sec-Butylbenzene	υ	0.00022	0.0010	mg/l		8260B	10/04/08	1
tert-Butylbenzene	U	0.00020	0.0010	mg/l		8260B	10/04/08	1
Carbon tetrachloride	Ü	0.00031	0.0010	mq/1		8260B	10/04/08	
Chlorobenzene	Ü	0.00026	0.0010	mg/l		8260B	10/04/08	i
Chlorodibromomethane	Ü	0.00042	0.0010	mq/l		8260B	10/04/08	1
Chloroethane	Ù	0.00086	0.0050	mg/l		8260B	10/04/08	
2-Chloroethyl vinyl ether	ŭ	0.0014	0.050	mg/l		8260B	10/04/08	
Chloroform	ΰ	0.0050	0.0050	mg/l		8260B	10/04/08	
Chloromethane	V	0.00025	0.0025	mg/1		8260B	10/04/08	
2-Chlorotoluene	ŭ	0.00022	0.0010	mg/l		82 60B	10/04/08	
4-Chlorotoluene	Ü	0.00016	0.0010	mq/l		8260B	10/04/08	
1,2-Dibromo-3-Chloropropane	Ü	0.00010	0.0050	mg/l		8260B	10/04/08	
1,2-Dibromoethane	Ü	0.00048	0.0010	mg/1		8260B	10/04/08	
Dibromomethane	Ü	0.00028	0.0010	mg/1		8260B	10/04/08	
	T)	0.00028	0.0010	mg/1		8260B	10/04/08	
1,2-Dichlorobenzene	Ü	0.00019	0.0010	mg/1		8260B	10/04/08	
1,3-Dichlorobenzene	U	0.00019	0.0010	mg/1		8260B	10/04/08	
1,4-Dichlorobenzene		0.00054	0.0010			8260B	10/04/08	
Dichlorodifluoromethane	U	0.00034	0.0050	mg/l		8260B	10/04/08	
1,1-Dichloroethane	U			mg/l		8260B		
1,2-Dichloroethane	Ų	0.00027	0.0010	mg/l		8260B	10/04/08	
1,1-Dichloroethene	U	0.00050	0.0010	mg/1		8260B	10/04/08	
cis-1,2-Dichloroethene	0.013	0.00038	0.0010	mg/l			10/04/08	
trans-1,2-Dichloroethene	U	0.00030	0.0010	mg/1		8260B	10/04/08	
1,2-Dichloropropane	U	0.00052	0.0010	mg/l		8260B	10/04/08	
1,1-Dichloropropene	U	0.00022	0.0010	mg/l		8260B	10/04/08	
1,3-Dichloropropane	Ü	0.00023	0.0010	mg/1		8260B	10/04/08	1
cis-1,3-Dichloropropene	U	0.00026	0.0010	mg/1		8260B	10/04/08	
trans-1,3-Dichloropropene	U	0.00024	0.0010	mg/1		8260B	10/04/08	
2,2-Dichloropropane	Q	0.00025	0.0010	mg/l		8260B	10/04/08	
Di-isopropyl ether	U	0.00025	0.0010	mg/1		8260B	10/04/08	
Ethylbenzene	υ	0.00022	0.0010	mg/1		8260B	10/04/08	
Hexachloro-1,3-butadiene	IJ	0.00049	0.0010	mg/1		8260B	10/04/08	
Isopropylbenzene	υ	0.00019	0.0010	mq/1		8260B	10/04/08	1

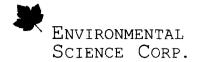
U - ND (Not Detected)
MDL - Minimum Detection Limit = LOD = SQL(TRRP)
RDL - Reported Detection Limit = LOQ - PQL - EQL = MQL(TRRP)

N

Note:
The reported analytical results relate only to the sample submitted.
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Reported: 10/07/08 11:43 Revised: 10/07/08 17:54

Page 2 of 11



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

October 07, 2008

Matt Monroe Envirotest 3902 Braxton St. Houston, TX 77063

ESC Sample # : L367699-01

Date Received : October 01, 2008 Description : Woodlake Square Off-Site Delin.

Site ID :

Sample ID

: MW-14

Project # : HOU 080109

Collected By : J. Boyle Collection Date : 09/29/08 14:34

E	arameter	Result.	MDL	RDL	Units	Q	Method	Dat.e	Dil.
	p-Isopropyltoluene	U	0.00021	0.0010	mg/l		8260B	10/04/08	1
	2-Butanone (MEK)	U	0.0045	0.010	mq/1		8260B	10/04/08	1
	Methylene Chloride	υ	0.0040	0.0050	mg/l		8260B	10/04/08	1
.1.0	4-Methyl-2-pentanone (MIBK)	U	0.0014	0.010	mg/l		8260B	10/04/08	1
NA	Methyl tert-butyl ether MTS2	0.0073	0.00019	0.0010	mg/1		8260B	10/04/08	1
	Naphthalene	n	0.0040	0.0050	mg/l		8260B	10/04/08	1
	n-Propylbenzene	υ	0.00022	0.0010	mg/1		8260B	10/04/08	1
	Styrene	U	0.00038	0.0010	mg/l		8260B	10/04/08	1
	1,1,1,2-Tetrachloroethane	U	0.00040	0.0010	mg/l		8260B	10/04/08	1
	1,1,2,2-Tetrachloroethane	U	0.00022	0.0010	mg/1		8260B	10/04/08	1
	1,1,2-Trichloro-1,2,2-trifluoro	U	0.00022	0.0010	mg/l		8260B	10/04/08	1
(0.7	Tetrachloroethene	0.39	0.00029	0.0010	mg/1	Ē	8260B	10/04/08	1.
	Toluene	U	0.00027	0.0050	mg/l		8260B	10/04/08	1
	1,2,3-Trichlorobenzene	U	0.00024	0.0010	mg/l		8260B	10/04/08	1
	1,2,4-Trichlorobenzene	Ü	0.00026	0.0010	mg/1		8260B	10/04/08	1
	1,1,1-Trichloroethane	IJ	0.00027	0.0010	mq/1		8260B	10/04/08	1
_	1,1,2-Trichloroethane	IJ	0.00045	0.0010	mq/l		8260B	10/04/08	1
40.5	Trichloroethene	0.0052	0.00037	0.0010	mg/l		8260B	10/04/08	1
	Trichlorofluoromethane	U	0.00029	0.0050	mg/l		8260B	10/04/08	1
	1,2,3-Trichioropropane	υ	0.00036	0.0010	mg/l		8260B	10/04/08	1
	1,2,4-Trimethylbenzene	U	0.00020	0.0010	mg/l		8260B	10/04/08	1
	1,2,3-Trimethylbenzene	IJ	0.00022	0.0010	mq/l		8260B	10/04/08	1
	1,3,5-Trimethylbenzene	U	0.00020	0.0010	mq/1		8260B	10/04/08	1
	Vinyl chloride	U	0.00027	0.0010	mg/1		8260B	10/04/08	1
	Xylenes, Total	ប	0.00086	0.0030	mg/l		8260B	10/04/08	1
2	Surrogate Recovery				•				
	Toluene-d8	99,3			% Rec.		8260B	10/04/08	1
	Dibromofluoromethane	105.			% Rec.		8260B	10/04/08	1
	4-Bromofluorobenzene	98.5			% Rec.		8260B	10/04/08	1

U - ND (Not Detected)
MDL - Minimum Detection Limit - LOD - SQL(TRRP)
RDL - Reported Detection Limit - LOQ - PQL - EQL - MQL(TRRP)
Note:

Note: The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 10/07/08 11:43 Revised: 10/07/08 17:54

Page 3 of 11



Tax 1.5. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Matt Monroe Envirotest 3902 Braxton St. Houston, TX 77063

October 07, 2008

Date Received

ESC Sample # : 1.367699-02

Description

October 01, 2008 Woodlake Square Off-Site Delin.

Site ID :

Sample ID

MW-15

Project # : HGU 080109

J. Boyle 09/29/08 16:51 Collected By Collection Date :

arameter	Result	WDL	RDL	Units	Q	Method	Date	Dil.
olatile Organics								
Acetone	U	0.0089	0.050	mq/1		8260B	10/04/08	1
Acrolein	Ü	0.014	0.050	mq/1	J4	8260B	10/04/08	1
Acrylonitrile	U	0.0017	0.010	mq/l		8260B	10/04/08	1
Benzene	U	0.00029	0.0010	mg/l		8260B	10/04/08	1
Bromobenzene	U	0.00024	0.0010	mq/1		8260B	10/04/08	1
Bromodichloromethane	U	0.00037	0.0010	mq/1		8260B	10/04/08	1
Bromoform	U	0.00051	0.0010	mg/l		8260B	10/04/08	1
Bromomethane	U	0.00089	0.0050	mg/l		8260B	10/04/08	1
n-Butylbenzene	U	0.00023	0.0010	mg/l		8260B	10/04/08	1
sec-Butylbenzene	U	0.00022	0.0010	mq/l		8260B	10/04/08	1
tert-Butylbenzene	Ü	0.00020	0.0010	mq/l		8260B	10/04/08	1
Carbon Letrachloride	U	0.00031	0.0010	mq/l		8260B	10/04/08	1
Chlorobenzene	U	0.00026	0.0010	mq/l		8260B	10/04/08	
Chlorodibromomethane	Ü	0.00042	0.0010	mq/1		8260B	10/04/08	
Chloroethane	Ū	0.00086	0.0050	mg/1		8260B	10/04/08	
2-Chloroethyl vinyl ether	Ü	0.0014	0.050	mq/l		8260B	10/04/08	
Chloroform	ŭ	0.0050	0.0050	mq/l		8260B	10/04/08	
Chloromethane	Ü	0.00025	0.0025	mg/l		8260B	10/04/08	
2-Chlorotoluene	ΰ	0.00022	0.0010	mg/l		8260B	10/04/08	
4-Chlorotoluene	Ü	0.00016	0.0010	mg/l		8260B	10/04/08	
1,2-Dibromo-3-Chloropropane	Ü	0.00048	0.0050	mq/l		8260B	10/04/08	
1,2-Dibromoethane	ΰ	0.00048	0.0010	mq/1		8260B	10/04/08	
Dibromomethane	ŭ	0.00028	0.0010	mg/l		8260B	10/04/08	
1,2-Dichlorobenzene	ŭ	0.00029	0.0010	mg/l		8260B	10/04/08	
1,3-Dichlorobenzene	Ű	0.00019	0.0010	mq/l		8260B	10/04/08	
1,4-Dichlorobenzene	ΰ	0.00030	0.0010	mq/l		8260B	10/04/08	
Dichlorodifluoromethane	ŭ	0.00054	0.0050	mq/l		8260B	10/04/08	
1,1-Dichloroethane	ŭ	0.00031	0,0010	mg/l		8260B	10/04/08	
1,2-Dichloroethane	ŭ	0.00027	0.0010	mg/l		8260B	10/04/08	
1,1-Dichloroethene	ŭ	0.00050	0.0010	mg/l		8260B	10/04/08	
cis-1,2-Dichloroethene	0.018	0.00038	0.0010	mg/1		8260B	10/04/08	
trans-1,2-Dichloroethene	U	0.00030	0.0010	mq/l		8260B	10/04/08	
1,2-Dichloropropane	ŭ	0.00052	0.0010	mq/1		8260B	10/04/08	
1,1-Dichloropropene	ŭ	0.00022	0.0010	mq/1		8260B	10/04/08	
1,3-Dichloropropane	ŭ	0.00023	0.0010	mq/l		8260B	10/04/08	
cis-1,3-Dichloropropene	Ü	0.00026	0.0010	mg/l		8260B	10/04/08	
trans-1,3-Dichloropropene	ΰ	0.00024	0.0010	mq/l		8260B	10/04/08	
2,2-Dichloropropane	Ü	0.00025	0.0010	mg/l		8260B	10/04/08	
Di-isopropyl ether	0.00033	0.00025	0.0010	mg/1	J	8260B	10/04/08	
Ethylbenzene	U	0.00022	0.0010	mq/l		8260B	10/04/08	
Hexachloro-1,3-butadiene	ΰ	0.00049	0.0010	mq/l		8260B	10/04/08	
Isopropylbenzene	Ü	0.00019	0.0010	mg/1		\$260B	10/04/08	

U - ND (Not Detected)
MDL - Minimum Detection Limit - LOD - SQL(TRRP)
RDL - Reported Detection Limit - LOQ - PQL - EQL - MQL(TRRP)

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Reported: 10/07/08 11:43 Revised: 10/07/08 17:54

Page 4 of 11



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Matt Monroe Envirotest 3902 Braxton St. Houston, TX 77063 October 07, 2008

ESC Sample # : L367699-02

Date Received

Site ID :

Description

October 01, 2008 Woodlake Square Off-Site Delin.

Project # : HOU 080109

Sample ID

J. Boyle 09/29/08 16:51

MW-15

Collected By : Collection Date :

Pa	rameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
	p Isopropyltoluene	U	0.00021	0.0010	mq/1		8260B	10/04/08	1
	2-Butanone (MEK)	0.0061	0.0045	0.010	mg/1	J	8260B	10/04/08	1
	Methylene Chloride	U	0.0040	0.0050	mg/1		8260B	10/04/08	1
	4-Methyl-2-pentanone (MIBK)	U	0.0014	0.010	mg/l		8260B	10/04/08	1
NA	Methyl tert-butyl ether	0.021	0.00019	0.0010	mg/l		8260B	10/04/08	3.
,,	Naphthalene	U	0.0040	0.0050	mg/l		8260B	10/04/08	1
	n-Propylbenzene	U	0.00022	0.0010	mg/l		8260B	10/04/08	1
	Styrene	Ü	0.00038	0.0010	mg/l		8260B	10/04/08	1
	1,1,1,2-Tetrachloroethane	U	0.00040	0.0010	mg/I		8260B	10/04/08	1
	1,1,2,2-Tetrachloroethane	Ü	0.00022	0.0010	mg/l		8260B	10/04/08	1
	1,1,2-Trichloro-1,2,2-trifluoro	U	0.00022	0.0010	mg/1		8260B	10/04/08	1
20.7	Tetrachloroethene	0.078	0.00029	0.0010	mg/l		8260B	10/04/08	1
-0.7	Toluene	U	0.00027	0.0050	mg/1		8260B	10/04/08	1
	1,2,3-Trichlorobenzene	U	0.00024	0.0010	mg/l		8260B	10/04/08	1
	1,2,4-Trichlorobenzene	U	0.00026	0.0010	mg/1		8260B	10/04/08	1
	1,1,1-Trichloroethane	U	0.00027	0.0010	mg/1		8260B	10/04/08	1
	1,1,2-Trichloroethane	Ū	0.00045	0.0010	mg/1		8260B	10/04/08	1
< h 5	Trichloroethene	0.0065	0.00037	0.0010	mg/l		8260B	10/04/08	1
-	Trichlorofluoromethane	U	0.00029	0.0050	mq/1		8260B	10/04/08	1
	1,2,3-Trichloropropane	U	0.00036	0.0010	mg/l		8260B	10/04/08	1
	1,2,4-Trimethylbenzene	U	0.00020	0.0010	mg/1		8260B	10/04/08	1
	1,2,3-Trimethylbenzene	U	0.00022	0.0010	mg/l		8260B	10/04/08	1
	1,3,5-Trimethylbenzene	ij	0.00020	0.0010	mg/1		8260B	10/04/08	1
	Vinyl chloride	U	0.00027	0.0010	mg/1		8260B	10/04/08	1
	Xylenes, Total	υ	0.00086	0.0030	mg/1		8260B	10/04/08	1
Su	rrogate Recovery								
	Toluene-d8	99.9			% Rec.		8260B	10/04/08	1
	Dibromofluoromethane	103.			% Rec.		8260B	10/04/08	3
	4-Bromofluorobenzene	101.			% Rec.		8260B	10/04/08	1



U - ND (Not Detected)
MDL - Minimum Detection Limit = LOD = SQL(TRRP)
RDL - Reported Detection Limit - LOQ - PQL - EQL - MQL(TRRP)
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Reported: 10/07/08 11:43 Revised: 10/07/08 17:54

Page 5 of 11



12065 Lebanon Rd. 12000 Lebanon Rd. Mt. Juliet, TN 37122 (615) 758-5858 1-800-767-5859 Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

October 07, 2008

Project # : HOU 080109

Matt Monroe Envirotest 3902 Braxton St. Houston, TX 77063

Date Received

ESC Sample # : L367699-03

October 01, 2008 Woodlake Square Off-Site Delin. Description

Site ID : Sample ID MW-16

J. Boyle 09/29/08 15:51 Collected By : Collection Date :

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Volatile Organics								
Acetone	U	0.0089	0.050	mq/1		8260B	10/06/08	1
Acrolein	U	0.014	0.050	mg/l		8260B	10/06/08	1
Acrylonitrile	U	0.0017	0.010	mq/l		8260B	10/06/08	1
D & Benzene	0.0048	0.00029	0.0010	mq/1		8260B	10/06/08	1
Bromobenzene	U	0.00024	0.0010	mg/l		8260B	10/06/08	1
Bromodichloromethane	υ	0.00037	0.0010	mq/l		8260B	10/06/08	1
Bromoform	U	0.00051	0.0010	mg/l		8260B	10/06/08	1
Bromomethane	U	0.00089	0.0050	mg/l		8260B	10/06/08	1
n-Butylbenzene	U	0.00023	0.0010	mq/1		8260B	10/06/08	
sec-Butylbenzene	U	0.00022	0.0010	mq/1		8260B	10/06/08	1
tert-Bulylbenzene	U	0.00020	0.0010	mq/1		8260B	10/06/08	1
Carbon tetrachloride	υ	0.00031	0.0010	mg/l		8260B	10/06/08	
Chlorobenzene	υ	0.00026	0.0010	mq/l		8260B	10/06/08	
Chlorodibromomethane	U	0.00042	0.0010	mq/l		8260B	10/06/08	
Chloroethane	Ü	0.00086	0.0050	mq/l		8260B	10/06/08	
2-Chloroethyl vinyl ether	Ü	0.0014	0.050	mq/1		8260B	10/06/08	
Chloroform	U	0.0050	0.0050	mq/l		8260B	10/06/08	
Chloromethane	U	0.00025	0.0025	mg/l		8260B	10/06/08	
2-Chlorotoluene	ΰ	0.00022	0.0010	mg/l		8260B	10/06/08	
4-Chlorotoluene	ΰ	0.00016	0.0010	mq/l		8260B	10/06/08	
1,2-Dibromo-3-Chloropropane	U	0.00048	0.0050	mq/l		8260B	10/06/08	
1,2-Dibromoethane	IJ	0.00048	0.0010	mq/1		8260B	10/06/08	
Dibromomethane	Ü	0,00028	0.0010	mq/l		8260B	10/06/08	
1,2-Dichlorobenzene	Ü	0.00029	0.0010	mq/l		8260B	10/06/08	
1,3-Dichtorobenzene	U	0.00019	0.0010	mq/l		8260B	10/06/08	
1,4-Dichlorobenzene	U	0.00030	0.0010	mg/l		8260B	10/06/08	
Dichtorodifluoromethane	υ	0.00054	0.0050	mg/l		8260B	10/06/08	
1,1-Dichloroethane	Ū	0.00031	0.0010	mg/l		8260B	10/06/08	
1,2-Dichloroethane	Ũ	0.00027	0.0010	mq/l		8260B	10/06/08	
1.1-Dichloroethene	Ü	0.00050	0.0010	mg/l		8260B	10/06/08	
	0.020	0.00038	0.0010	mq/l		8260B	10/06/08	
NA cis-1,2-Dichloroethene trans-1,2-Dichloroethene	0.0011	0.00030	0.0010	mq/l		8260B	10/06/08	
1,2-Dichloropropane	U	0.00052	0.0010	ma/l		8260B	10/06/08	
1,1-Dichloropropene	ŭ	0.00022	0.0010	ma/l		8260B	10/06/08	
1,3-Dichloropropane	ŭ	0.00023	0.0010	mq/l		8260B	10/06/08	
cis-1,3-Dichloropropene	Ŭ	0.00026	0.0010	mq/l		8260B	10/06/08	
trans-1,3-Dichloropropene	Ü	0.00024	0.0010	mq/1		8260B	10/06/08	
2,2-Dichloropropane	Ŭ	0.00025	0.0010	mg/l		8260B	10/06/08	
NA Di-isopropyl ether	0.00099	0.00025	0.0010	mq/l	J	8260B	10/06/08	
Ethylbenzene	U	0.00022	0.0010	mq/l	Ü	8260B	10/06/08	
Hexachloro-1,3-butadiene	ΰ	0.00049	0.0010	mg/1		8260B	10/06/08	
Isopropylbenzene	Ü	0.00019	0.0010	mq/l		8260B	10/06/08	

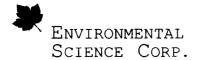
U - ND (Not Detected)
MDL - Minimum Detection Limit - LOD - SQL(TRRP)
RDL - Reported Detection Limit - LOQ - PQL - EQL - MQL(TRRP)

Note:

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Reported: 10/07/08 11:43 Revised: 10/07/08 17:54

Page 6 of 11



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Matt Monroe Envirotest 3902 Braxton St. October 07, 2008

Houston, TX 77063

01, 2008 October

Woodlake Square Off-Site Delin.

L367699-03 ESC Sample # :

Date Received Description

Collected By

MW-16

Site ID :

Project # : HOU 080109

Sample ID

J. Boyle 09/29/08 15:51 Collection Date :

Result MDL RDL Units 0 Method Date Parameter p-Isopropyltoluene 0.00021 0.0010 mq/18260B 10/06/08 2-Butanone (MEK) Methylene Chloride 0.0045 0.010 8260B 8260B 10/06/08 U mg/1ma/14-Methyl-2-pentanone (MIBK) Methyl tert-butyl ether Naphthalene 0.0014 0.010 8260B 10/06/08 mg/l 0.00019 10/06/08 0.064 0.0010 NA 8260B mg/10.0040 0.0050 mg/l 8260B 10/06/08 0.00022 n-Propylbenzene U 0.0010 mg/18260B 10/06/08 0.00038 0.0010 8260B 10/06/08 Styrene mq/11,1,2-Tetrachloroethane
1,1,2-Tetrachloroethane
1,1,2-Trichloro-1,2,2-trifluoro
Tetrachloroethane 13 0.00040 0.0010 mg/18260B 8260B 10/06/08 10/06/08 U ma/10.0010 10/06/08 Ü 0.00022 8260B mg/10.10 0.00029 $\frac{\text{mg}/1}{\text{mg}/1}$ 8260B 10/06/08 0.00027 0.0050 8260B Toluene 1, 2, 3-Trichlorobenzene 1, 2, 4-Trichlorobenzene mg/l 17 0.00024 0.0010 8260B 0.0010 8260B 1,1,1-Trichloroethane 1,1,2-Trichloroethane mg/1 mg/18260B 8260B 11 0.00027 0.0010 10/06/08 0.00045 0.0010 10/06/08 71,1,2-Trichloroethane
Trichloroethane
Trichlorofluoromethane
1,2,3-Trichloropropane
1,2,4-Trimethylbenzene
1,2,3-Trimethylbenzene
1,3,5-Trimethylbenzene
Vinyl chloride
Xylenes, Total 0.029 0.00037 0.0010 mg/18260B 8260B 10/06/08 0.00029 0.0050 10/06/08 U mg/18260B 8260B 10/06/08 0.00036 0.0010 mg/1U 0.00020 0.0010 mg/1 mg/110/06/08 0.00022 0.0010 8260B 0.00020 0.0010 mg/18260B 0.0020 0.00027 0.0010 mg/l 8260B 10/06/08 Xylenes, Total Surrogate Recovery Toluene-d8 Ų 0.00086 0.0030 mg/18260B 10/06/08 107. % Rec. 8260B 10/06/08 10/06/08 Dibromofluoromethane 4-Bromofluorobenzene 110 & Rec. 8260B Rec. 8260B 10/06/08 108.

U - ND (Not Detected)

MDL - Minimum Detection Limit - LOD - SQL(TRRP)
RDL - Reported Detection Limit - LOQ - PQL - EQL - MQL(TRRP)

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Reported: 10/07/08 11:43 Revised: 10/07/08 17:54

Page 7 of 11



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Matt Monroe Envirotest 3902 Braxton St. Houston, TX 77063 October 07, 2008

ESC Sample # : L367699-04

Date Received : October 01, 2008 Description : Wcodlake Square Off-Site Delin.

Site ID :

: FIELD BLANK Sample ID

Project # : HOU 080109

Collected By : J. Boyle Collection Date : 09/29/08 13:00

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Volatile Organics								
Acetone	U	0.0089	0.050	mq/l		8260B	10/04/08	1
Acrolein	Ü	0.014	0.050	mg/l	34	8260B	10/04/08	1
Acrylonitrile	U	0.0017	0.010	mg/l		8260B	10/04/08	1
Benzene	Ü	0.00029	0.0010	mq/1		8260B	10/04/08	
Bromobenzene	Ú	0.00024	0.0010	mg/1		8260B	10/04/08	
Bromodichloromethane	Ü	0.00037	0.0010	mg/1		8260B	10/04/08	
Bromoform	Ü	0.00051	0.0010	mq/l		8260B	10/04/08	1
Bromomethane	U	0.00089	0.0050	mg/l		8260B	10/04/08	
n-Butylbenzene	U	0.00023	0.0010	mq/1		8260B	10/04/08	1
sec-Butylbenzene	U	0.00022	0.0010	mq/1		8260B	10/04/08	1
tert-Butylbenzene	U	0.00020	0.0010	mq/1		8260B	10/04/08	1
Carbon tetrachloride	U	0.00031	0.0010	mg/l		8260B	10/04/08	1
Chlorobenzene	Ü	0.00026	0.0010	mg/l		8260B	10/04/08	1
Chlorodibromomethane	Ü	0.00042	0.0010	mg/1		8260B	10/04/08	1
Chloroethane	U	0.00086	0.0050	mg/l		8260B	10/04/08	1
2-Chloroethyl vinyl ether	υ	0.0014	0.050	mg/l		8260B	10/04/08	1
Chloroform	U	0.0050	0.0050	mg/l		8260B	10/04/08	1
Chloromethane	U	0.00025	0.0025	mg/1		8260B	10/04/08	1
2-Chlorotoluene	U	0.00022	0.0010	mq/1		8260B	10/04/08	1
4-Chlorotoluene	Ü	0.00016	0.0010	mg/1		8260B	10/04/08	1
1,2-Dibromo-3-Chloropropane	U	0.00048	0.0050	mq/1		8260B	10/04/09	1
1,2-Dibromoethane	Ü	0.00048	0.0010	mg/l		8260B	10/04/08	1
Dibromomethane	U	0.00028	0.0010	mq/1		8260B	10/04/08	1
1,2-Dichlorobenzene	U	0.00029	0.0010	mq/1		8260B	10/04/08	1
1,3-Dichlorobenzene	U	0.00019	0.0010	mg/1		8260B	10/04/08	1
1,4-Dichlorobenzene	U	0.00030	0.0010	mq/l		8260B	10/04/08	1
Dichlorodifluoromethane	U	0.00054	0.0050	mg/l		8260B	10/04/08	1
1,1-Dichloroethane	Ü	0.00031	0.0010	mg/1		8260B	10/04/08	1
1,2-Dichloroethane	U	0.00027	0.0010	mg/1		8260B	10/04/08	
1,1-Dichloroethene	Ü	0.00050	0.0010	mg/l		8260B	10/04/08	1
cis-1,2-Dichloroethene	U	0.00038	0.0010	mq/l		8260B	10/04/08	1
trans-1,2-Dichloroethene	Ü	0.00030	0.0010	mg/l		8260B	10/04/08	1
1,2-Dichloropropane	Ü	0.00052	0.0010	mq/l		8260B	10/04/08	1
1,1-Dichloropropene	U	0.00022	0.0010	mg/l		8260B	10/04/08	1
1,3-Dichloropropane	U	0.00023	0.0010	mq/1		8260B	10/04/08	1
cis-1,3-Dichloropropene	U	0.00026	0.0010	mq/l		8260B	10/04/08	1
trans-1,3-Dichloropropene	U	0.00024	0.0010	mg/l		8260B	10/04/08	1
2,2-Dichloropropane	Ü	0.00025	0.0010	mg/1		8260B	10/04/08	
Di-isopropyl ether	IJ	0.00025	0.0010	mg/1		8260B	10/04/08	1
Ethylbenzene	:)	0.00022	0.0010	mg/1		8260B	10/04/08	
Hexachloro-1,3-butadiene	IJ	0.00049	0.0010	mg/1		8260B	10/04/08	
Isopropylbenzene	Ü	0.00019	0.0010	mg/1		8260B	10/04/08	1

U - ND (Not Detected)
MDL - Minimum Detection Limit - LOD - SQL(TRRP)
RDL - Reported Detection Limit - LOQ - PQL - EQL - MQL(TRRP)

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Reported: 10/07/08 11:43 Revised: 10/07/08 17:54

Page 8 of 11



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Matt Monroe Envirotest 3902 Braxton St. Houston, TX 77063 October 07, 2008

ESC Sample # : L367699-04

Date Received : October 01, 2008 Description : Woodlake Square Off-Site Delin.

Site ID :

Sample ID

: FIELD BLANK

Project # : HOU 080109

Collected By : J. Boyle Collection Date : 09/29/08 13:00

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
p-Isopropyltoluene	U	0.00021	0.0010	mq/l		8260B	10/04/08	1
2-Butanone (MEK)	U	0.0045	0.010	mq/l		8260B	10/04/08	1
Methylene Chloride	U	0.0040	0.0050	mq/l		8260B	10/04/08	1
4-Methyl-2-pentanone (MIBK)	U	0.0014	0.010	mg/1		8260B	10/04/08	1
Methyl tert-butyl ether	Ü	0.00019	0.0010	mq/l		8260B	10/04/08	1
Naphthalene	U	0.0040	0.0050	mq/l		8260B	10/04/08	1
n-Propylbenzene	Ü	0.00022	0.0010	mg/l		8260B	10/04/08	1
Styrene	U	0.00038	0.0010	mg/l		8260B	10/04/08	1
1,1,1,2-Tetrachloroethane	U	0.00040	0.0010	mg/l		8260B	10/04/08	1
1,1,2,2-Tetrachloroethane	U	0.00022	0.0010	mg/l		8260B	10/04/08	1
1,1,2-Trichloro-1,2,2-trifluoro	Ū	0.00022	0.0010	mg/l		8260B	10/04/08	1
Tetrachloroethene	U	0,00029	0.0010	mg/l		8260B	10/04/08	1
Toluene	Ü	0.00027	0.0050	mg/1		8260B	10/04/08	1
1.2.3-Trichlorobenzene	U	0.00024	0.0010	mg/l		8260B	10/04/08	1
1,2,4-Trichlorobenzene	U	0.00026	0.0010	mg/l		8260B	10/04/08	1
1,1,1-Trichloroethane	U	0.00027	0.0010	mq/l		8260B	10/04/08	1
1,1,2-Trichloroethane	U	0.00045	0.0010	mg/l		8260B	10/04/08	1
Trichloroethene	U	0.00037	0.0010	mg/l		8260B	10/04/08	1
Trichlorofluoromethane	U	0.00029	0.0050	mg/l		8260B	10/04/08	1
1,2,3-Trichloropropane	Ü	0.00036	0.0010	mg/l		8260B	10/04/08	1
1,2,4-Trimethylbenzene	U	0.00020	0.0010	mg/1		8260B	10/04/08	1
1,2,3-Trimethylbenzene	U	0.00022	0.0010	mg/l		8260B	10/04/08	1
1,3,5-Trimethylbenzene	Ü	0.00020	0.0010	mg/l		8260B	10/04/08	1
Vinyl chloride	U	0.00027	0.0010	mg/l		8260B	10/04/08	1
Xylenes, Total	U	0.00086	0.0030	mg/l		8260B	10/04/08	1
urrogate Recovery								
Toluene-d8	99.8			% Rec.		8260B	10/04/08	1
Dibromofluoromethane	105.			% Rec.		8260B	10/04/08	1
4-Bromofluorobenzene	103.			% Rec.		8260B	10/04/08	1

U - ND (Not Detected)

MDL - Minimum Detection Limit - LOD - SQL(TRRP)
RDL - Reported Detection Limit - LOQ - PQL - EQL - MQL(TRRP)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 10/07/08 11:43 Revised: 10/07/08 17:54

Page 9 of 11

Attachment A List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
	- ARRONANTA AND ARRONANTA AND ARRONAL STATE OF THE	visite of a sharp's increased beautiful and a sharp for
L367699-01	Acrolein	J4
	Tetrachloroethene	E.
L367699-02	Acrolein	J4
	Di-isopropyl ether	J
	2-Butanone (MEK)	J
L367699-03	Di-isopropyl ether	J
L367699-04	Acrolein	J4

Page 10 of 11

Attachment B Explanation of QC Qualifier Codes

Qualifier	Meaning
ε	GTL (EPA) - Greater than upper calibration limit: Actual value is known to be greater than the upper calibration range.
Ĵ	(EPA) - Estimated value below the lowest calibration point. Confidence correlates with concentration.
J4	The associated batch QC was outside the established quality control range for accuracy.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

- Accuracy The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.
- Surrogate Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.
- TIC Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Page 11 of 11

Summary of Remarks For Samples Printed 10/07/08 at 17:54:49

TSR Signing Reports: 134 R5 - Desired TAT

Client wants pH reported on all SS requesting metals per JB Arsenic H2O log method 6020

Sample: L367699-01 Account: ENVTESTX Received: 10/01/08 07:45 Due Date: 10/08/08 00:00 RFT Date: 10/07/08 11:43 Sample: L367699-02 Account: ENVTESTX Received: 10/01/08 07:45 Due Date: 10/08/08 00:00 RPT Date: 10/07/08 11:43 Sample: L367699-03 Account: ENVTESTX Received: 10/01/08 07:45 Due Date: 10/08/08 00:00 RPT Date: 10/07/08 11:43 Sample: L367699-04 Account: ENVTESTX Received: 10/01/08 07:45 Due Date: 10/08/08 00:00 RPT Date: 10/07/08 11:43



Environmental Science Corporation

Quality Control Summary Envirotest

Test: Volatile Organic Compounds by Method 8260B

L367699

Matrix: Water - mg/L

Project: Woodlake Square Off-Site Delin.

Project No:HOU 080109

Login No:L367699

Sample Number: L367699-01, -02, -04

Sample Date: 9/29/2008 Extraction Date: 10/4/2008

Analysis Date: 10/4/2008 4:20:00 PM

Instrument ID: VOCMS20
Analyst: 126

Analytic Batch: WG387069

EPA ID: TN00003

Method Blank

Analyte	CAS	PQL	MDL
1,1,1,2-Tetrachloroethane	630-20-6	<0.001	< 0.0003
1,1,1-Trichloroethane	71-55-6	< 0.001	< 0.0003
1,1,2,2-Tetrachloroethane	79-34-5	< 0.001	< 0.0003
1,1,2-Trichloroethane	79-00-5	< 0.001	< 0.0003
1,1,2-Trichloro-1,2,2-trifluoroetha	me 76-13-1	< 0.001	< 0.0003
1,1-Dichloroethane	75-34-3	< 0.001	< 0.0003
1,1-Dichloroethene	75-35-4	< 0.001	< 0.0003
1,1-Dichloropropene	563-58-6	< 0.001	< 0.0003
1,2,3-Trichlorobenzene	87-61-6	< 0.001	< 0.0003
1,2,3-Trichloropropane	96-18-4	< 0.001	< 0.0003
1,2,3-Trimethylbenzenc	526-73-8	< 0.001	< 0.0003
1,2,4-Trichlorobenzene	120-82-1	< 0.001	< 0.0003
1,2,4-Trimethylbenzene	95-63-6	< 0.001	< 0.0003
1,2-Dibromo-3-Chloropropane	96-12-8	< 0.005	< 0.0016
1,2-Dibromoethane	106-93-4	< 0.001	< 0.0003
1,2-Dichlorobenzene	95-50-1	< 0.001	< 0.0003
1,2-Dichloroethane	107-06-2	< 0.001	< 0.0003
1,2-Dichloropropane	78-87-5	< 0.001	< 0.0003
1,3,5-Trimethylbenzene	108-67-8	< 0.001	< 0.0003
1,3-Dichlorobenzene	541-73-1	< 0.001	< 0.0003
1,3-Dichloropropane	142-28-9	< 0.001	< 0.0003
1,4-Dichlorobenzene	106-46-7	< 0.001	< 0.0003
2,2-Dichloropropane	594-20-7	< 0.001	< 0.0003
2-Butanone (MEK)	78-93-3	< 0.010	< 0.0033
2-Chloroethyl vinyl ether	110-75-8	< 0.001	< 0.0003
2-Chlorotoluene	95-49-8	< 0.001	< 0.0003
4-Chlorotoluene	106-43-4	< 0.001	< 0.0003
4-Methyl-2-pentanone (MIBK)	108-10-1	< 0.010	< 0.0033
Acetone	67-64-1	< 0.050	< 0.0165
Acrolein	107-02-8	< 0.050	< 0.0165
Acrylonitrile	107-13-1	< 0.010	< 0.0033
Benzene	71-43-2	< 0.001	< 0.0003
Bromobenzene	108-86-1	< 0.001	< 0.0003
Bromodichloromethane	75-27-4	< 0.001	< 0.0003



Quality Control Summary Envirotest

Test: Volatile Organic Compounds by Method 8260B

L367699

Matrix: Water - mg/L

Project: Woodlake Square Off-Site Delin.

Project No:HOU 080109

Login No:L367699

Sample Number: L367699-01, -02, -04

Sample Date:9/29/2008 Extraction Date:10/4/2008

Analysis Date: 10/4/2008 4:20:00 PM

Instrument ID: VOCMS20
Analyst: 126

Analytic Batch: WG387069

EPA ID: TN00003

Method Blank

Analyte	CAS	PQL	MDL
Bromoform	75-25-2	<0.001	< 0.0003
Bromomethane	74-83-9	< 0.005	< 0.0016
Carbon tetrachloride	56-23-5	< 0.001	< 0.0003
Chlorobenzene	108-90-7	< 0.001	< 0.0003
Chlorodibromomethane	124-48-1	< 0.001	< 0.0003
Chloroethane	75-00-3	< 0.001	< 0.0003
Chloroform	67-66-3	< 0.005	< 0.0016
Chloromethane	74-87-3	< 0.001	< 0.0003
cis-1,2-Dichloroethene	156-59-2	< 0.001	< 0.0003
cis-1,3-Dichloropropene	10061-01-5	< 0.001	< 0.0003
Di-isopropyl ether	108-20-3	< 0.001	< 0.0003
Dibromomethane	74-95-3	< 0.001	< 0.0003
Dichlorodifluoromethane	75-71-8	< 0.005	< 0.0016
Ethylbenzene	100-41-4	< 0.001	< 0.0003
Hexachloro-1,3-butadiene	87-68-3	< 0.001	< 0.0003
Isopropylbenzene	98-82-8	< 0.001	< 0.0003
Methyl tert-butyl ether	1634-04-4	< 0.001	< 0.0003
Methylene Chloride	75-09-2	< 0.005	< 0.0016
n-Butylbenzene	104-51-8	< 0.001	< 0.0003
n-Propylbenzene	103-65-1	< 0.001	< 0.0003
Naphthalene	91-20-3	< 0.005	< 0.0016
p-Isopropyltoluene	99-87-6	< 0.001	< 0.0003
sec-Butylbenzene	135-98-8	< 0.001	< 0.0003
Styrene	100-42-5	< 0.001	< 0.0003
tert-Butylbenzene	98-06-6	< 0.001	< 0.0003
Tetrachloroethene	127-18-4	< 0.001	< 0.0003
Toluene	108-88-3	< 0.005	< 0.0016
trans-1,2-Dichloroethene	156-60-5	< 0.001	< 0.0003
trans-1,3-Dichloropropene	10061-02-6	< 0.001	< 0.0003
Trichloroethene	79-01-6	< 0.001	< 0.0003
Trichlorofluoromethane	75-69-4	< 0.005	< 0.0016
Vinyl chloride	75-01-4	< 0.001	< 0.0003
Xylenes, Total	1330-20-7	< 0.003	< 0.0010



Quality Control Summary Envirotest

Test: Volatile Organic Compounds by Method 8260B

L367699

Matrix: Water - mg/L

Project: Woodlake Square Off-Site Delin.

Project No:HOU 080109

Login No:L367699

Sample Number:L367699-03 Sample Date:9/29/2008

Extraction Date: 10/6/2008

Analysis Date: 10/6/2008 4:29:00 PM

Instrument ID: VOCMS4
Analyst: 156

Analytic Batch: WG387247

EPA ID: TN00003

Method Blank

Analyte	CAS	PQL	MDL
1,1,1,2-Tetrachloroethane	630-20-6	<0.001	< 0.0003
1,1,1-Trichloroethane	71-55-6	< 0.001	< 0.0003
1,1,2,2-Tetrachloroethane	79-34-5	< 0.001	< 0.0003
1,1,2-Trichloroethane	79-00-5	< 0.001	< 0.0003
1,1,2-Trichloro-1,2,2-trifluoroethar		< 0.001	< 0.0003
1,1-Dichloroethane	75-34-3	< 0.001	< 0.0003
1.1-Dichloroethene	75-35-4	< 0.001	< 0.0003
1,1-Dichloropropene	563-58-6	< 0.001	< 0.0003
1,2,3-Trichlorobenzene	87-61-6	< 0.001	< 0.0003
1,2,3-Trichloropropane	96-18-4	< 0.001	< 0.0003
1,2,3-Trimethylbenzene	526-73-8	< 0.001	< 0.0003
1,2,4-Trichlorobenzene	120-82-1	< 0.001	< 0.0003
1,2,4-Trimethylbenzene	95-63-6	< 0.001	< 0.0003
1,2-Dibromo-3-Chloropropane	96-12-8	< 0.005	< 0.0016
1,2-Dibromoethane	106-93-4	< 0.001	< 0.0003
1,2-Dichlorobenzene	95-50-1	< 0.001	< 0.0003
1,2-Dichloroethane	107-06-2	< 0.001	< 0.0003
1,2-Dichloropropane	78-87-5	< 0.001	< 0.0003
1,3,5-Trimethylbenzene	108-67-8	< 0.001	< 0.0003
1,3-Dichlorobenzene	541-73-1	< 0.001	< 0.0003
1,3-Dichloropropane	142-28-9	< 0.001	< 0.0003
1,4-Dichlorobenzene	106-46-7	< 0.001	< 0.0003
2,2-Dichloropropane	594-20-7	< 0.001	< 0.0003
2-Butanone (MEK)	78-93-3	< 0.010	< 0.0033
2-Chloroethyl vinyl ether	110-75-8	< 0.001	< 0.0003
2-Chlorotoluene	95-49-8	< 0.001	< 0.0003
4-Chlorotoluene	106-43-4	< 0.001	< 0.0003
4-Methyl-2-pentanone (MIBK)	108-10-1	< 0.010	< 0.0033
Acetone	67-64-1	< 0.050	< 0.0165
Acrolein	107-02-8	< 0.050	< 0.0165
Acrylonitrile	107-13-1	< 0.010	< 0.0033
Benzene	71-43-2	< 0.001	< 0.0003
Bromobenzene	108-86-1	< 0.001	< 0.0003
Bromodichloromethane	75-27-4	< 0.001	< 0.0003



Quality Control Summary Envirotest

Test: Volatile Organic Compounds by Method 8260B

L367699

Matrix: Water - mg/L

Project: Woodlake Square Off-Site Delin.

Project No:HOU 080109

Login No:L367699 Sample Number:L367699-03 Sample Date:9/29/2008

Extraction Date: 10/6/2008

Analysis Date: 10/6/2008 4:29:00 PM

Instrument ID:VOCMS4
Analyst:156

Analytic Batch: WG387247

EPA ID: TN00003

Method Blank

Analyte	CAS	PQL	MDL
D	75.05.0	-0.001	-0.0003
Bromoform	75-25-2	<0.001	<0.0003
Bromomethane	74-83-9	<0.005	<0.0016
Carbon tetrachloride	56-23-5	<0.001	<0.0003
Chlorobenzene	108-90-7	<0.001	<0.0003
Chlorodibromomethane	124-48-1	< 0.001	< 0.0003
Chloroethane	75-00-3	< 0.001	< 0.0003
Chloroform	67-66-3	< 0.005	< 0.0016
Chloromethane	74-87-3	< 0.001	< 0.0003
cis-1,2-Dichloroethene	156-59-2	< 0.001	< 0.0003
cis-1,3-Dichloropropene	10061-01-5	< 0.001	< 0.0003
Di-isopropyl ether	108-20-3	< 0.001	< 0.0003
Dibromomethane	74-95-3	< 0.001	< 0.0003
Dichlorodifluoromethane	75-71-8	< 0.005	< 0.0016
Ethylbenzene	100-41-4	< 0.001	< 0.0003
Hexachloro-1,3-butadiene	87-68-3	< 0.001	< 0.0003
Isopropylbenzene	98-82-8	< 0.001	< 0.0003
Methyl tert-butyl ether	1634-04-4	< 0.001	< 0.0003
Methylene Chloride	75-09-2	< 0.005	< 0.0016
n-Butylbenzene	104-51-8	< 0.001	< 0.0003
n-Propylbenzene	103-65-1	< 0.001	< 0.0003
Naphthalene	91-20-3	< 0.005	< 0.0016
p-Isopropyltoluene	99-87-6	< 0.001	< 0.0003
sec-Butylbenzene	135-98-8	< 0.001	< 0.0003
Styrene	100-42-5	< 0.001	< 0.0003
tert-Butylbenzene	98-06-6	< 0.001	< 0.0003
Tetrachloroethene	127-18-4	< 0.001	< 0.0003
Toluene	108-88-3	< 0.005	< 0.0016
trans-1,2-Dichloroethene	156-60-5	< 0.001	< 0.0003
trans-1,3-Dichloropropene	10061-02-6	< 0.001	< 0.0003
Trichloroethene	79-01-6	< 0.001	< 0.0003
Trichlorofluoromethane	75-69-4	< 0.005	< 0.0016
Vinyl chloride	75-01-4	< 0.001	< 0.0003
Xylenes, Total	1330-20-7	< 0.003	< 0.0010



Quality Control Summary Envirotest

Test: Volatile Organic Compounds by Method 8260B

L367699

Matrix: Water - mg/L

Project: Woodlake Square Off-Site Delin.

Project No: HOU 080109

Login No:L367699

Sample Number: L367699-01, -02, -04

Sample Date:9/29/2008 Extraction Date:10/4/2008

Analysis Date: 10/4/2008 4:20:00 PM

Instrument ID:VOCMS20 Analyst:126

Analytic Batch: WG387069

EPA ID: TN00003

Laboratory Control Sample (LCS)

	True		Recovery	Control	0. 11.7
Analyte	Value	Found	%	Limits	Qualifiers
1,1,1,2-Tetrachloroethane	0.050	0.055	111	75 - 134	
1,1,1-Trichloroethane	0.050	0.052	104	67 - 137	
1,1,2,2-Tetrachloroethane	0.050	0.051	103	72 - 128	
1,1,2-Trichloroethane	0.050	0.053	106	79 - 123	
1,1,2-Trichloro-1,2,2-trifluorocthane	0.050	0.056	111	51 - 149	
1,1-Dichloroethane	0.050	0.050	99.0	67 - 133	
1,1-Dichloroethene	0.050	0.043	85.6	60 - 130	
1,1-Dichloropropene	0.050	0.050	101	68 - 132	
1,2,3-Trichlorobenzene	0.050	0.052	104	63 - 138	
1,2,3-Trichloropropane	0.050	0.051	101	68 - 130	
1,2,3-Trimethylbenzene	0.050	0.051	103	70 - 127	
1,2,4-Trichlorobenzene	0.050	0.051	103	65 - 137	
1,2,4-Trimethylbenzene	0.050	0.057	113	72 - 135	
1,2-Dibromo-3-Chloropropane	0.050	0.050	99.4	55 - 134	
1,2-Dibromoethane	0.050	0.047	93.3	75 - 126	
1,2-Dichlorobenzene	0.050	0.052	103	75 - 122	
1,2-Dichloroethane	0.050	0.052	104	63 - 137	
1,2-Dichloropropane	0.050	0.053	106	74 - 122	
1,3,5-Trimethylbenzene	0.050	0.056	112	73 - 134	
1,3-Dichlorobenzene	0.050	0.054	107	73 - 131	
1,3-Dichloropropane	0.050	0.052	104	77 - 119	
1,4-Dichlorobenzene	0.050	0.050	99.4	70 - 121	
2,2-Dichloropropane	0.050	0.055	109	46 - 151	
2-Butanone (MEK)	0.250	0.248	99.1	53 - 132	
2-Chloroethyl vinyl ether	0.250	0.245	97.9	0 - 171	
2-Chlorotoluene	0.050	0.053	106	74 - 128	
4-Chlorotoluene	0.050	0.054	107	7 4 - 130	
4-Methyl-2-pentanone (MIBK)	0.250	0.238	95.2	60 - 142	
Acetone	0.250	0.230	91.8	48 - 134	
Acrolein	0.250	0.457	183	6 - 182	J4
Acrylonitrile	0.250	0.270	108	60 - 140	
Benzene	0.050	0.049	98.7	67 - 126	
Bromobenzene	0.050	0.051	102	76 - 123	
Bromodichloromethane	0.050	0.056	113	68 - 133	

Quality Control Summary for client sample(s) MW-14, MW-15, FIELD BLANK



Quality Control Summary Envirotest

Test: Volatile Organic Compounds by Method 8260B

L367699

Matrix: Water - mg/L

Project: Woodlake Square Off-Site Delin.

Project No:HOU 080109 Login No:L367699

Sample Number: L367699-01, -02, -04

Sample Date:9/29/2008 Extraction Date:10/4/2008

Analysis Date: 10/4/2008 4:20:00 PM

Instrument ID:VOCMS20 Analyst:126 Analytic Batch:WG387069

EPA ID: TN00003

Laboratory Control Sample (LCS)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
Analyte	Yaruc	1 Ound	/ 0	Limits	Quantitiers
Bromoform	0.050	0.048	96.1	60 - 139	
Bromomethane	0.050	0.061	123	45 - 175	
Carbon tetrachloride	0.050	0.054	108	64 - 141	
Chlorobenzene	0.050	0.054	108	77 - 125	
Chlorodibromomethane	0.050	0.049	97.9	73 - 138	
Chloroethane	0.050	0.058	115	49 - 155	
Chloroform	0.050	0.051	101	66 - 126	
Chloromethane	0.050	0.051	102	45 - 152	
cis-1,2-Dichlorocthene	0.050	0.054	108	72 - 128	
cis-1,3-Dichloropropene	0.050	0.053	107	73 - 131	
Di-isopropyl ether	0.050	0.055	111	63 - 139	
Dibromomethane	0.050	0.052	104	73 - 125	
Dichlorodifluoromethane	0.050	0.046	92.8	39 - 189	
Ethylbenzene	0.050	0.054	108	76 - 129	
Hexachloro-1,3-butadiene	0.050	0.053	106	67 - 135	
Isopropylbenzene	0.050	0.056	113	73 - 132	
Methyl tert-butyl ether	0.050	0.057	114	51 - 142	
Methylene Chloride	0.050	0.048	96.5	64 - 125	
n-Butylbenzene	0.050	0.051	102	63 - 142	
n-Propylbenzene	0.050	0.052	104	71 - 132	
Naphthalene	0.050	0.051	102	56 - 145	
p-Isopropyltoluene	0.050	0.056	113	68 - 138	
sec-Butylbenzene	0.050	0.055	109	70 - 135	
Styrene	0.050	0.049	98.2	78 - 130	
tert-Butylbenzene	0.050	0.058	115	72 - 134	
Tetrachloroethene	0.050	0.051	102	67 - 135	
Toluene	0.050	0.049	98.0	72 - 122	
trans-1,2-Dichloroethene	0.050	0.048	96.1	67 - 129	
trans-1,3-Dichloropropene	0.050	0.048	95.1	66 - 137	
Trichloroethene	0.050	0.051	102	74 - 126	
Trichlorofluoromethane	0.050	0.056	111	54 - 156	
Vinyl chloride	0.050	0.056	111	55 - 153	
Xylenes, Total	0.150	0.166	111	75 - 128	



Quality Control Summary Envirotest

Test: Volatile Organic Compounds by Method 8260B

L367699

Matrix: Water - mg/L

Project: Woodlake Square Off-Site Delin.

Project No: HOU 080109 Login No: L367699

Sample Number: L367699-01, -02, -04

Sample Date: 9/29/2008 Extraction Date: 10/4/2008

Analysis Date: 10/4/2008 4:20:00 PM

Instrument ID: VOCMS20 Analyst: 126

Analytic Batch: WG387069

EPA ID: TN00003

Laboratory Control Sample Duplicate (LCSD)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
1.1.0 m	0.050	0.056		65 124	
1,1,1,2-Tetrachloroethane	0.050	0.056	112	75 - 134	
1,1,1-Trichloroethane	0.050	0.049	98.3	67 - 137	
1,1,2,2-Tetrachloroethane	0.050	0.053	106	72 - 128	
1,1,2-Trichloroethane	0.050	0.054	108	79 - 123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.050	0.053	106	51 - 149	
1,1-Dichloroethane	0.050	0.047	95.0	67 - 133	
1,1-Dichloroethene	0.050	0.040	80.2	60 - 130	
1,1-Dichloropropene	0.050	0.048	96.7	68 - 132	
1,2,3-Trichlorobenzene	0.050	0.051	103	63 - 138	
1,2,3-Trichloropropane	0.050	0.052	104	68 - 130	
1,2,3-Trimethylbenzene	0.050	0.052	104	70 - 127	
1,2,4-Trichlorobenzene	0.050	0.051	101	65 - 137	
1,2,4-Trimethylbenzene	0.050	0.056	112	72 - 135	
1,2-Dibromo-3-Chloropropane	0.050	0.052	103	55 - 134	
1,2-Dibromoethane	0.050	0.047	93.6	75 - 126	
1,2-Dichlorobenzene	0.050	0.053	105	75 - 122	
1,2-Dichloroethane	0.050	0.050	100	63 - 137	
1,2-Dichloropropane	0.050	0.052	104	74 - 122	
1,3,5-Trimethylbenzene	0.050	0.055	110	73 - 134	
1,3-Dichlorobenzene	0.050	0.052	104	73 - 131	
1,3-Dichloropropane	0.050	0.052	105	77 - 119	
1,4-Dichlorobenzene	0.050	0.051	101	70 - 121	
2,2-Dichloropropane	0.050	0.052	104	46 - 151	
2-Butanone (MEK)	0.250	0.243	97.1	53 - 132	
2-Chloroethyl vinyl ether	0.250	0.250	100	0 - 171	
2-Chlorotoluene	0.050	0.053	106	74 - 128	
4-Chlorotoluene	0.050	0.053	107	74 - 130	
4-Methyl-2-pentanone (MIBK)	0.250	0.248	99.2	60 - 142	
Acetone	0.250	0.221	88.5	48 - 134	
Acrolein	0.250	0.439	176	6 - 182	
Acrylonitrile	0.250	0.264	106	60 - 140	
Benzene	0.050	0.048	95.6	67 - 126	
Bromobenzene	0.050	0.051	102	76 - 123	
Bromodichloromethane	0.050	0.057	114	68 - 133	
Di omogicino i omogiane	0.050	0.057	117	00 - 133	

Quality Control Summary for client sample(s) MW-14, MW-15, FIELD BLANK



Quality Control Summary

Envirotest

Test: Volatile Organic Compounds by Method 8260B

L367699

Matrix: Water - mg/L

Project: Woodlake Square Off-Site Delin.

Project No:HOU 080109

Login No:L367699

Sample Number: L367699-01, -02, -04

Sample Date:9/29/2008 Extraction Date:10/4/2008

Analysis Date: 10/4/2008 4:20:00 PM

Instrument ID: VOCMS20 Analyst: 126

Analytic Batch: WG387069

EPA ID: TN00003

Laboratory Control Sample Duplicate (LCSD)

	True		Recovery	Control	
Analyte	Value	Found	%	Limits	Qualifiers
n c	0.050	0.040	00.3	(0.120	
Bromoform	0.050	0.049	98.3	60 - 139	
Bromomethane	0.050	0.057	114	45 - 175	
Carbon tetrachloride	0.050	0.051	102	64 - 141	
Chlorobenzene	0.050	0.054	108	77 - 125	
Chlorodibromomethane	0.050	0.049	98.5	73 - 138	
Chloroethane	0.050	0.055	110	49 - 155	
Chloroform	0.050	0.049	98.9	66 - 126	
Chloromethane	0.050	0.047	94.9	45 - 152	
cis-1,2-Dichloroethene	0.050	0.052	103	72 - 128	
cis-1,3-Dichloropropene	0.050	0.053	107	73 - 131	
Di-isopropyl ether	0.050	0.055	109	63 - 139	
Dibromomethane	0.050	0.052	103	73 - 125	
Dichlorodifluoromethane	0.050	0.043	86.5	39 - 189	
Ethylbenzene	0.050	0.054	109	76 - 129	
Hexachloro-1,3-butadiene	0.050	0.053	105	67 - 135	
Isopropylbenzene	0.050	0.056	111	73 - 132	
Methyl tert-butyl ether	0.050	0.055	110	51 - 142	
Methylene Chloride	0.050	0.047	93.1	64 - 125	
n-Butylbenzene	0.050	0.051	103	63 - 142	
n-Propylbenzene	0.050	0.052	104	71 - 132	
Naphthalene	0.050	0.051	103	56 - 145	
p-Isopropyltoluene	0.050	0.055	110	68 - 138	
sec-Butylbenzene	0.050	0.054	108	70 - 135	
Styrene	0.050	0.049	98.7	78 - 130	
tert-Butylbenzene	0.050	0.056	113	72 - 134	
Tetrachloroethene	0.050	0.050	101	67 - 135	
Toluene	0.050	0.049	98.0	72 - 122	
trans-1,2-Dichloroethene	0.050	0.046	92.2	67 - 129	
trans-1,3-Dichloropropene	0.050	0.049	97.1	66 - 137	
Trichloroethene	0.050	0.051	102	74 - 126	
Trichlorofluoromethane	0.050	0.053	107	54 - 156	
Vinyl chloride	0.050	0.051	103	55 - 153	
Xylenes, Total	0.150	0.166	111	75 - 128	
,,				20	



Quality Control Summary Envirotest

Test: Volatile Organic Compounds by Method 8260B

L367699

Matrix: Water - mg/L

Project: Woodlake Square Off-Site Delin.

Project No:HOU 080109 Login No:L367699

Sample Number:L367699-03 Sample Date:9/29/2008 Extraction Date:10/6/2008

Analysis Date: 10/6/2008 4:29:00 PM

Instrument ID: VOCMS4 Analyst: 156

Analytic Batch: WG387247

EPA ID: TN00003

Laboratory Control Sample (LCS)

	True		Recovery	Control	
Analyte	Value	Found	%	Limits	Qualifiers
1,1,1,2-Tetrachloroethane	0.050	0.052	104	75 - 134	
1,1,1-Trichloroethane	0.050	0.052	103	67 - 137	
1,1,2,2-Tetrachloroethane	0.050	0.054	109	72 - 128	
1,1,2-Trichloroethane	0.050	0.050	100	79 - 123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.050	0.046	92.3	51 - 149	
1,1-Dichloroethane	0.050	0.052	104	67 - 133	
1,1-Dichloroethene	0.050	0.043	85.1	60 - 130	
1,1-Dichloropropene	0.050	0.048	95.3	68 - 132	
1,2,3-Trichlorobenzene	0.050	0.051	102	63 - 138	
1,2,3-Trichloropropane	0.050	0.053	106	68 - 130	
1,2,3-Trimethylbenzene	0.050	0.043	86.7	70 - 127	
1,2,4-Trichlorobenzene	0.050	0.052	103	65 - 137	
1,2,4-Trimethylbenzene	0.050	0.048	95.5	72 - 135	
1,2-Dibromo-3-Chloropropane	0.050	0.050	100	55 - 134	
1,2-Dibromoethane	0.050	0.050	101	75 - 126	
1,2-Dichlorobenzene	0.050	0.046	91.8	75 - 122	
1,2-Dichloroethane	0.050	0.052	103	63 - 137	
1,2-Dichloropropane	0.050	0.051	102	74 - 122	
1,3,5-Trimethylbenzene	0.050	0.048	96.7	73 - 134	
1,3-Dichlorobenzene	0.050	0.048	95.4	73 - 131	
1,3-Dichloropropane	0.050	0.048	95.0	77 - 119	
1,4-Dichlorobenzene	0.050	0.043	85.7	70 - 121	
2,2-Dichloropropane	0.050	0.050	100	46 - 151	
2-Butanone (MEK)	0.250	0.284	114	53 - 132	
2-Chloroethyl vinyl ether	0.250	0.323	129	0 - 171	
2-Chlorotoluene	0.050	0.048	95.5	74 - 128	
4-Chlorotoluene	0.050	0.048	95.5	74 - 130	
4-Methyl-2-pentanone (MIBK)	0.250	0.301	120	60 - 142	
Acetone	0.250	0.253	101	48 - 134	
Acrolein	0.250	0.266	106	6 - 182	
Acrylonitrile	0.250	0.297	119	60 - 140	
Benzene	0.050	0.050	100	67 - 126	
Bromobenzene	0.050	0.048	95.9	76 - 123	
Bromodichloromethane	0.050	0.056	111	68 - 133	
				· -	

Quality Control Summary for client sample(s) MW-16



Quality Control Summary Envirotest

Test: Volatile Organic Compounds by Method 8260B

L367699

Matrix: Water - mg/L

Project: Woodlake Square Off-Site Delin.

Project No:HOU 080109 Login No:L367699 Sample Number:L367699-03

Sample Date:9/29/2008 Extraction Date:10/6/2008

Analysis Date: 10/6/2008 4:29:00 PM

Instrument ID:VOCMS4 Analyst:156 Analytic Batch:WG387247

EPA ID: TN00003

Laboratory Control Sample (LCS)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
	····		······································		
Bromoform	0.050	0.056	112	60 - 139	
Bromomethane	0.050	0.048	95.3	45 - 175	
Carbon tetrachloride	0.050	0.055	111	64 - 141	
Chlorobenzene	0.050	0.048	96.6	77 - 125	
Chlorodibromomethane	0.050	0.054	107	73 - 138	
Chloroethane	0.050	0.044	88.1	49 - 155	
Chloroform	0.050	0.053	106	66 - 126	
Chloromethane	0.050	0.047	93.1	45 - 152	
cis-1,2-Dichloroethene	0.050	0.053	107	72 - 128	
cis-1,3-Dichloropropene	0.050	0.054	107	73 - 131	
Di-isopropyl ether	0.050	0.055	110	63 - 139	
Dibromomethane	0.050	0.049	98.9	73 - 125	
Dichlorodifluoromethane	0.050	0.041	81.8	39 - 189	
Ethylbenzene	0.050	0.048	95.5	76 - 129	
Hexachloro-1,3-butadiene	0.050	0.044	88.9	67 - 135	
Isopropylbenzene	0.050	0.050	99.3	73 - 132	
Methyl tert-butyl ether	0.050	0.046	92.5	51 - 142	
Methylene Chloride	0.050	0.051	102	64 - 125	
n-Butylbenzene	0.050	0.047	93.1	63 - 142	
n-Propylbenzene	0.050	0.048	96.7	71 - 132	
Naphthalene	0.050	0.046	92.4	56 - 145	
p-Isopropyltoluene	0.050	0.051	101	68 - 138	
sec-Butylbenzene	0.050	0.050	99.7	70 - 135	
Styrene	0.050	0.053	106	78 - 130	
tert-Butylbenzene	0.050	0.053	106	72 - 134	
Tetrachloroethene	0.050	0.043	87.0	67 - 135	
Toluene	0.050	0.047	94.6	72 - 122	
trans-1,2-Dichloroethene	0.050	0.047	94.7	67 - 129	
trans-1,3-Dichloropropene	0.050	0.054	109	66 - 137	
Trichloroethene	0.050	0.047	93.3	74 - 126	
Trichlorofluoromethane	0.050	0.049	98.3	54 - 156	
Vinyl chloride	0.050	0.046	91.7	55 - 153	
Xylenes, Total	0.150	0.141	94.1	75 - 128	



Quality Control Summary Envirotest

Test: Volatile Organic Compounds by Method 8260B

L367699

Matrix: Water - mg/L

Project: Woodlake Square Off-Site Delin.

Project No:HOU 080109 Login No:L367699 Sample Number:L367699-03 Sample Date:9/29/2008

Extraction Date: 10/6/2008

Analysis Date: 10/6/2008 4:29:00 PM

Instrument ID:VOCMS4 Analyst:156 Analytic Batch:WG387247

EPA ID: TN00003

Laboratory Control Sample Duplicate (LCSD)

Amaluta	True Value	Farmed	Recovery %	Control	Onalifiana
Analyte	value	Found	70	Limits	Qualifiers
1,1,1,2-Tetrachloroethane	0.050	0.051	101	75 - 134	
1,1,1-Trichloroethane	0.050	0.050	101	67 - 137	
1,1,2,2-Tetrachloroethane	0.050	0.052	103	72 - 128	
1,1,2-Trichloroethane	0.050	0.049	98.3	79 - 123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.050	0.044	88.0	51 - 149	
1,1-Dichloroethane	0.050	0.052	104	67 - 133	
1,1-Dichloroethene	0.050	0.050	99.4	60 - 130	
1,1-Dichloropropene	0.050	0.047	94.0	68 - 132	
1,2,3-Trichlorobenzene	0.050	0.051	101	63 - 138	
1,2,3-Trichloropropane	0.050	0.051	102	68 - 130	
1,2,3-Trimethylbenzene	0.050	0.042	84.2	70 - 127	
1,2,4-Trichlorobenzene	0.050	0.052	103	65 - 137	
1,2,4-Trimethylbenzene	0.050	0.046	92.2	72 - 135	
1,2-Dibromo-3-Chloropropane	0.050	0.049	97.8	55 - 134	
1,2-Dibromoethane	0.050	0.049	98.0	75 - 126	
1,2-Dichlorobenzene	0.050	0.045	89.1	75 - 122	
1,2-Dichloroethane	0.050	0.052	105	63 - 137	
1,2-Dichloropropane	0.050	0.052	104	74 - 122	
1,3,5-Trimethylbenzene	0.050	0.046	92.5	73 - 134	
1,3-Dichlorobenzene	0.050	0.047	93.2	73 - 131	
1,3-Dichloropropane	0.050	0.046	91.9	77 - 119	
1,4-Dichlorobenzene	0.050	0.042	84.2	70 - 121	
2,2-Dichloropropane	0.050	0.049	97.2	46 - 151	
2-Butanone (MEK)	0.250	0.278	111	53 - 132	
2-Chloroethyl vinyl ether	0.250	0.293	117	0 - 171	
2-Chlorotoluene	0.050	0.046	91.8	74 - 128	
4-Chlorotoluene	0.050	0.047	94.2	74 - 130	
4-Methyl-2-pentanone (MIBK)	0.250	0.297	119	60 - 142	
Acetone	0.250	0.270	108	48 - 134	
Acrolein	0.250	0.259	104	6 - 182	
Acrylonitrile	0.250	0.299	120	60 - 140	
Benzene	0.050	0.049	98.7	67 - 126	
Bromobenzene	0.050	0.047	93.2	76 - 123	
Bromodichloromethane	0.050	0.055	109	68 - 133	

Quality Control Summary for client sample(s) MW-16



Quality Control Summary Envirotest

Test: Volatile Organic Compounds by Method 8260B

L367699

Matrix: Water - mg/L

Project: Woodlake Square Off-Site Delin.

Project No:HOU 080109 Login No:L367699 Sample Number:L367699-03 Sample Date:9/29/2008 Extraction Date:10/6/2008

Analysis Date: 10/6/2008 4:29:00 PM

Instrument ID: VOCMS4
Analyst: 156

Analytic Batch: WG387247

EPA ID: TN00003

Laboratory Control Sample Duplicate (LCSD)

Analyte	True Value	Found	Recovery	Control Limits	Qualifiers
Allalyte	Value	Tourid		Littits	Qualificis
Bromoform	0.050	0.055	110	60 - 139	
Bromomethane	0.050	0.048	95.4	45 - 175	
Carbon tetrachloride	0.050	0.055	109	64 - 141	
Chlorobenzene	0.050	0.046	92.1	77 - 125	
Chlorodibromomethane	0.050	0.052	104	73 - 138	
Chloroethane	0.050	0.041	82.8	49 - 155	
Chloroform	0.050	0.053	105	66 - 126	
Chloromethane	0.050	0.046	91.5	45 - 152	
cis-1,2-Dichloroethene	0.050	0.053	106	72 - 128	
cis-1,3-Dichloropropene	0.050	0.053	105	73 - 131	
Di-isopropyl ether	0.050	0.055	111	63 - 139	
Dibromomethane	0.050	0.048	96.6	73 - 125	
Dichlorodifluoromethane	0.050	0.040	80.1	39 - 189	
Ethylbenzene	0.050	0.046	91.5	76 - 129	
Hexachloro-1,3-butadiene	0.050	0.042	84.7	67 - 135	
Isopropylbenzene	0.050	0.047	94.9	73 - 132	
Methyl tert-butyl ether	0.050	0.042	83.4	51 - 142	
Methylene Chloride	0.050	0.050	101	64 - 125	
n-Butylbenzene	0.050	0.045	89.7	63 - 142	
n-Propylbenzene	0.050	0.046	92.4	71 - 132	
Naphthalene	0.050	0.045	89.7	56 - 145	
p-Isopropyltoluene	0.050	0.049	98.9	68 - 138	
sec-Butylbenzene	0.050	0.048	95.8	70 - 135	
Styrene	0.050	0.051	102	78 - 130	
tert-Butylbenzene	0.050	0.046	92.3	72 - 134	
Tetrachloroethene	0.050	0.041	82.4	67 - 135	
Toluene	0.050	0.046	91.5	72 - 122	
trans-1,2-Dichloroethene	0.050	0.047	93.4	67 - 129	
trans-1,3-Dichloropropene	0.050	0.053	106	66 - 137	
Trichloroethene	0.050	0.046	91.1	74 - 126	
Trichlorofluoromethane	0.050	0.048	95.8	54 - 156	
Vinyl chloride	0.050	0.044	87.6	55 - 153	
Xylenes, Total	0.150	0.137	91.1	75 - 128	

Quality Control Summary for client sample(s) MW-16



Quality Control Summary Envirotest

Test: Volatile Organic Compounds by Method 8260B

L367699

Matrix: Water - mg/L

Project: Woodlake Square Off-Site Delin.

Project No:HOU 080109 Login No:L367699

Sample Number: L367699-01, -02, -04

Sample Date:9/29/2008 Extraction Date:10/4/2008

Analysis Date: 10/4/2008 4:20:00 PM

Instrument ID:VOCMS20 Analyst:126

Analytic Batch: WG387069

EPA ID: TN00003

Matrix Spike/Matrix Spike Duplicate L367568-07

	Spike			%		%	Control	%	Contro	
Analyte	Value	Sample	MS	Rec	MSD	Rec	Limits	Qualifier RPD	Limits	Qualifier
1,1,1,2-Tetrachloroethane	0.050	0.000	0.054	109	0.053	105	45-152	3.1	21	
1,1,1-Trichloroethane	0.050	0.000	0.051	102	0.049	98.1	31-161	3.6	23	
1,1,2,2-Tetrachloroethane	0.050	0.000	0.054	108	0.049	98.0	49-149	9.3	22	
1,1,2-Trichloroethane	0.050	0.000	0.052	105	0.051	101	46-145	3.3	20	
1,1,2-Trichloro-1,2,2-	0.050	0.000	0.055	110	0.051	102	14-168	6.9	24	
1,1-Dichloroethane	0.050	0.000	0.049	97.6	0.046	92.9	30-159	5.0	21	
1,1-Dichloroethene	0.050	0.000	0.041	82.3	0.038	76.1	10-162	7.8	23	
1,1-Dichloropropene	0.050	0.000	0.049	97.2	0.046	92.0	14-162	5.5	23	
1,2,3-Trichlorobenzene	0.050	0.000	0.054	108	0.048	96.2	32-143	12	33	
1,2,3-Trichloropropane	0.050	0.000	0.053	107	0.048	95.7	48-148	11	23	
1,2,3-Trimethylbenzene	0.050	0.000	0.051	102	0.050	101	36-141	1.0	25	
1,2,4-Trichlorobenzene	0.050	0.000	0.053	105	0.047	94.6	27-142	11	30	
1,2,4-Trimethylbenzene	0.050	0.000	0.054	108	0.051	102	29-153	5.2	27	
1,2-Dibromo-3-Chloropropane	0.050	0.000	0.054	108	0.048	96.9	37-148	11	27	
1,2-Dibromoethane	0.050	0.000	0.046	92.7	0.044	87.7	41-149	5.5	21	
1,2-Dichlorobenzene	0.050	0.000	0.053	106	0.051	102	40-139	3.3	23	
1,2-Dichloroethane	0.050	0.000	0.050	101	0.048	95.3	29-167	5.6	21	
1,2-Dichloropropane	0.050	0.000	0.052	103	0.050	100	39-148	2.9	20	
1,3,5-Trimethylbenzene	0.050	0.000	0.054	107	0.051	103	33-149	4.4	26	
1,3-Dichlorobenzene	0.050	0.000	0.052	104	0.048	96.1	32-148	7.9	24	
1,3-Dichloropropane	0.050	0.000	0.052	104	0.050	99.1	44-142	4.4	20	
1,4-Dichlorobenzene	0.050	0.000	0.051	101	0.050	99.2	32-136	2.2	23	
2,2-Dichloropropane	0.050	0.000	0.053	107	0.052	105	14-158	1.8	23	
2-Butanone (MEK)	0.250	0.000	0.268	107	0.237	94.8	32-151	12	26	
2-Chloroethyl vinyl ether	0.250	0.000	0.083	33.1	0.022	8.7	0-175	117	75	J3
2-Chlorotoluene	0.050	0.000	0.051	103	0.049	98.1	35-147	4.8	24	
4-Chlorotoluene	0.050	0.000	0.052	105	0.049	98.9	33-147	5.6	25	
4-Methyl-2-pentanone	0.250	0.000	0.265	106	0.246	98.2	40-160	7.4	28	
Acetone	0.250	0.001	0.251	99.7	0.220	87.4	25-157	13	26	
Acrolein	0.250	0.000	0.418	167	0.389	156	0-179	7.1	39	
Acrylonitrile	0.250	0.000	0.291	117	0.264	105	37-162	10.0	24	
Benzene	0.050	0.000	0.048	95.6	0.046	91.7	16-158	4.2	21	
Bromobenzene	0.050	0.000	0.050	99.6	0.047	93.7	37-147	6.1	23	
Bromodichloromethane	0.050	0.000	0.056	112	0.055	110	45-147	1.7	20	

Quality Control Summary for client sample(s) MW-14, MW-15, FIELD BLANK



Quality Control Summary Envirotest

Test: Volatile Organic Compounds by Method 8260B

L367699

Matrix: Water - mg/L

Project: Woodlake Square Off-Site Delin.

Project No:HOU 080109 Login No:L367699

Sample Number: L367699-01, -02, -04

Sample Date:9/29/2008 Extraction Date:10/4/2008

Analysis Date: 10/4/2008 4:20:00 PM

Instrument ID:VOCMS20 Analyst:126

Analytic Batch: WG387069

EPA ID: TN00003

Matrix Spike/Matrix Spike Duplicate L367568-07

	Spike			%		%	Control	% Co	ontrol
Analyte	Value	Sample	MS	Rec	MSD	Rec	Limits	Qualifier RPD Li	imits Qualifier
Bromoform	0.050	0.000	0.049	98.5	0.046	91.6	38-152	7.3	20
Bromomethane	0.050	0.000	0.054	108	0.051	103	0-191	5.5	35
Carbon tetrachloride	0.050	0.000	0.052	104	0.048	96.4	22-168	7.4	24
Chlorobenzene	0.050	0.000	0.051	103	0.051	102	33-148	0.9	22
Chlorodibromomethane	0.050	0.000	0.049	98.6	0.047	93.0	48-151	5.8	21
Chloroethane	0.050	0.000	0.054	107	0.049	98.6	4-176	8.4	27
Chloroform	0.050	0.000	0.050	101	0.048	95.9	37-147	4.9	21
Chloromethane	0.050	0.000	0.046	91.5	0.043	85.9	10-174	6.3	28
cis-1,2-Dichloroethene	0.050	0.088	0.153	130	0.149	121	29-156	3.0	22
cis-1,3-Dichloropropene	0.050	0.000	0.052	104	0.051	101	35-148	2.9	21
Di-isopropyl ether	0.050	0.000	0.055	110	0.053	106	39-160	3.5	21
Dibromomethane	0.050	0.000	0.052	104	0.049	98.1	36-152	5.6	20
Dichlorodifluoromethane	0.050	0.000	0.048	96.1	0.044	88.1	0-200	8.7	26
Ethylbenzene	0.050	0.000	0.052	103	0.051	102	29-150	1.4	24
Hexachloro-1,3-butadiene	0.050	0.000	0.053	107	0.051	101	28-144	5.5	33
Isopropylbenzene	0.050	0.000	0.055	109	0.053	105	35-147	3.7	25
Methyl tert-butyl ether	0.050	0.000	0.058	117	0.054	108	24-167	8.0	22
Methylene Chloride	0.050	0.000	0.046	91.0	0.042	84.7	23-151	7.2	21
n-Butylbenzene	0.050	0.000	0.052	104	0.051	102	22-151	2.4	29
n-Propylbenzene	0.050	0.000	0.050	100	0.048	96.8	26-150	3.7	25
Naphthalene	0.050	0.000	0.055	109	0.049	97.1	24-160	12	37
p-Isopropyltoluene	0.050	0.000	0.054	109	0.051	102	28-151	6.6	27
sec-Butylbenzene	0.050	0.000	0.053	105	0.051	101	32-149	4.1	26
Styrene	0.050	0.000	0.047	94.8	0.046	91.4	38-149	3.7	23
tert-Butylbenzene	0.050	0.000	0.056	112	0.054	107	36-149	4.0	26
Tetrachloroethene	0.050	0.000	0.046	92.3	0.046	92.6	13-157	0.2	24
Toluene	0.050	0.000	0.047	94.1	0.046	91.8	22-152	2.5	22
trans-1,2-Dichloroethene	0.050	0.010	0.057	94.6	0.055	91.2	11-160	3.1	23
trans-1,3-Dichloropropene	0.050	0.002	0.048	92.7	0.047	90.4	33-153	2.4	22
Trichloroethene	0.050	0.000	0.047	94.7	0.047	93.3	18-163	1.5	21
Trichlorofluoromethane	0.050	0.000	0.052	103	0.049	97.5	10-177	5.9	24
Vinyl chloride	0.050	0.000	0.050	100.0	0.048	95.2	0-179	4.9	26
Xylenes, Total	0.150	0.000	0.158	106	0.156	104	27-151	1.3	23

Quality Control Summary for client sample(s) MW-14, MW-15, FIELD BLANK



Quality Control Summary Envirotest

Test: Volatile Organic Compounds by Method 8260B

L367699

Matrix: Water - mg/L

Project: Woodlake Square Off-Site Delin.

Project No:HOU 080109 Login No:L367699

Sample Number: L367699-01, -02, -04

Sample Date:9/29/2008 Extraction Date:10/4/2008

Analysis Date: 10/4/2008 4:20:00 PM

Instrument ID: VOCMS20 Analyst: 126

Analytic Batch: WG387069 EPA ID: TN00003

Laboratory Control Sample/Laboratory Control Sample Duplicate

	Spike		%		%	Control	%	Control
Analyte		LCS	Rec	LCSD	Rec	Limits	Qualifier RPD	Limits Qualifier
11127	0.050	0.055	111	0.057	112	75 124	0.0	20
1,1,1,2-Tetrachloroethane	0.050	0.055	111	0.056	112	75-134		20
1,1,1-Trichloroethane	0.050	0.052	104	0.049	98.3	67-137		20
1,1,2,2-Tetrachloroethane	0.050	0.051	103	0.053	106	72-128		20
1,1,2-Trichloroethane	0.050	0.053	106	0.054	108	79-123		20
1,1,2-Trichloro-1,2,2-	0.050	0.056	111	0.053	106	51-149		20
1,1-Dichloroethane	0.050	0.050	99.0	0.047	95.0	67-133		20
1,1-Dichloroethene	0.050	0.043	85.6	0.040	80.2	60-130		20
1,1-Dichloropropene	0.050	0.050	101	0.048	96.7	68-132		20
1,2,3-Trichlorobenzene	0.050	0.052	104	0.051	103	63-138		20
1,2,3-Trichloropropane	0.050	0.051	101	0.052	104	68-130		20
1,2,3-Trimethylbenzene	0.050	0.051	103	0.052	104	70-127		20
1,2,4-Trichlorobenzene	0.050	0.051	103	0.051	101	65-137		20
1,2,4-Trimethylbenzene	0.050	0.057	113	0.056	112	72-135		20
1,2-Dibromo-3-Chloropropane	0.050	0.050	99.4	0.052	103	55-134	3.5	20
1,2-Dibromoethane	0.050	0.047	93.3	0.047	93.6	75-126	0.3	20
1,2-Dichlorobenzene	0.050	0.052	103	0.053	105	75-122	1.9	20
1,2-Dichloroethane	0.050	0.052	104	0.050	100	63-137	3.6	20
1,2-Dichloropropane	0.050	0.053	106	0.052	104	74-122	2.0	20
1,3,5-Trimethylbenzene	0.050	0.056	112	0.055	110	73-134	1.2	20
1,3-Dichlorobenzene	0.050	0.054	107	0.052	104	73-131	2.8	20
1,3-Dichloropropane	0.050	0.052	104	0.052	105	77-119	0.9	20
1,4-Dichlorobenzene	0.050	0.050	99.4	0.051	101	70-121	1.7	20
2,2-Dichloropropane	0.050	0.055	109	0.052	104	46-151	5.4	20
2-Butanone (MEK)	0.250	0.248	99.1	0.243	97.1	53-132	2.0	20
2-Chloroethyl vinyl ether	0.250	0.245	97.9	0.250	100	0-171	2.3	27
2-Chlorotoluene	0.050	0.053	106	0.053	106	74-128	0.3	20
4-Chlorotoluene	0.050	0.054	107	0.053	107	74-130	0.6	20
4-Methyl-2-pentanone	0.250	0.238	95.2	0.248	99.2	60-142	4.1	20
Acetone	0.250	0.230	91.8	0.221	88.5	48-134		20
Acrolein	0.250	0.457	183	0.439	176	6-182		39
Acrylonitrile	0.250	0.270	108	0.264	106	60-140		20
Benzene	0.050	0.049	98.7	0.048	95.6	67-126		20
Bromobenzene	0.050	0.051	102	0.051	102	76-123		20
Bromodichloromethane	0.050	0.056	113	0.057	114	68-133		20
Diomonemoromemane	0.050	0.050	113	0.037	117	00-133	1.3	20

Quality Control Summary for client sample(s) MW-14, MW-15, FIELD BLANK



Quality Control Summary Envirotest

Test: Volatile Organic Compounds by Method 8260B

L367699

Matrix: Water - mg/L

Project: Woodlake Square Off-Site Delin.

Project No:HOU 080109

Login No:L367699

Sample Number: L367699-01, -02, -04

Sample Date:9/29/2008 Extraction Date:10/4/2008

Analysis Date: 10/4/2008 4:20:00 PM

Instrument ID: VOCMS20
Analyst: 126

Analytic Batch: WG387069

EPA ID: TN00003

Laboratory Control Sample/Laboratory Control Sample Duplicate

	Spike		%		%	Control	%	Control
Analyte		LCS	Rec	LCSD	Rec	Limits	Qualifier RPD	Limits Qualifier
Bromoform	0.050	0.048	96.1	0.049	98.3	60-139	2.3	20
Bromomethane	0.050	0.048	123	0.057	114	45-175	-	20
Carbon tetrachloride	0.050	0.054	108	0.051	102	64-141		20
		0.054	108	0.051	102	77-125		20
Chlorobenzene	0.050				98.5			
Chlorodibromomethane	0.050	0.049	97.9	0.049		73-138		20
Chloroethane	0.050	0.058	115	0.055	110	49-155		20
Chloroform	0.050	0.051	101	0.049	98.9	66-126		20
Chloromethane	0.050	0.051	102	0.047	94.9	45-152		20
cis-1,2-Dichloroethene	0.050	0.054	108	0.052	103	72-128		20
cis-1,3-Dichloropropene	0.050	0.053	107	0.053	107	73-131		20
Di-isopropyl ether	0.050	0.055	111	0.055	109	63-139		20
Dibromomethane	0.050	0.052	104	0.052	103	73-125		20
Dichlorodifluoromethane	0.050	0.046	92.8	0.043	86.5	39-189		24
Ethylbenzene	0.050	0.054	108	0.054	109	76-129		20
Hexachloro-1,3-butadiene	0.050	0.053	106	0.053	105	67-135		20
Isopropylbenzene	0.050	0.056	113	0.056	111	73-132		20
Methyl tert-butyl ether	0.050	0.057	114	0.055	110	51-142		20
Methylene Chloride	0.050	0.048	96.5	0.047	93.1	64-125	3.5	20
n-Butylbenzene	0.050	0.051	102	0.051	103	63-142	0.4	20
n-Propylbenzene	0.050	0.052	104	0.052	104	71-132	0.0	20
Naphthalene	0.050	0.051	102	0.051	103	56-145	1.0	20
p-Isopropyltoluene	0.050	0.056	113	0.055	110	68-138	2.8	20
sec-Butylbenzene	0.050	0.055	109	0.054	108	70-135	1.3	20
Styrene	0.050	0.049	98.2	0.049	98.7	78-130	0.5	20
tert-Butylbenzene	0.050	0.058	115	0.056	113	72-134	2.3	20
Tetrachloroethene	0.050	0.051	102	0.050	101	67-135	0.8	20
Toluene	0.050	0.049	98.0	0.049	98.0	72-122	0.1	20
trans-1,2-Dichloroethene	0.050	0.048	96.1	0.046	92.2	67-129	4.1	20
trans-1,3-Dichloropropene	0.050	0.048	95.1	0.049	97.1	66-137	2.1	20
Trichloroethene	0.050	0.051	102	0.051	102	74-126	0.1	20
Trichlorofluoromethane	0.050	0.056	111	0.053	107	54-156		20
Vinyl chloride	0.050	0.056	111	0.051	103	55-153		20
Xylenes, Total	0.150	0.166	111	0.166	111	75-128		20

Quality Control Summary for client sample(s) MW-14, MW-15, FIELD BLANK



Quality Control Summary Envirotest

Test: Volatile Organic Compounds by Method 8260B

L367699

Matrix: Water - mg/L

Project: Woodlake Square Off-Site Delin.

Project No:HOU 080109 Login No:L367699 Sample Number:L367699-03 Sample Date:9/29/2008

Extraction Date: 10/6/2008

Analysis Date: 10/6/2008 4:29:00 PM

Instrument ID: VOCMS4
Analyst: 156

Analytic Batch: WG387247

EPA ID: TN00003

Matrix Spike/Matrix Spike Duplicate L367568-03

	Spike			%		%	Control	%	Contro	
Analyte	Value	Sample	MS	Rec	MSD	Rec	Limits	Qualifier RPD	Limits	Qualifier
1,1,1,2-Tetrachloroethane	0.050	0.000	0.053	106	0.029	57.4	45-152	60	21	J3
1,1,1-Trichloroethane	0.050	0.000	0.054	109	0.053	106	31-161	2.8	23	
1,1,2,2-Tetrachloroethane	0.050	0.000	0.052	105	0.032	64.7	49-149	47	22	J3
1,1,2-Trichloroethane	0.050	0.000	0.050	100.0	0.029	57.0	46-145	55	20	J3
1,1,2-Trichloro-1,2,2-	0.050	0.000	0.043	87.0	0.046	91.1	14-168	4.6	24	
1,1-Dichloroethane	0.050	0.000	0.056	113	0.053	105	30-159	6.8	21	
1,1-Dichloroethene	0.050	0.000	0.052	103	0.045	90.6	10-162	13	23	
1,1-Dichloropropene	0.050	0.000	0.053	106	0.048	95.2	14-162	11	23	
1,2,3-Trichlorobenzene	0.050	0.000	0.054	107	0.054	108	32-143	0.7	33	
1,2,3-Trichloropropane	0.050	0.000	0.054	107	0.032	64.5	48-148	50	23	J3
1,2,3-Trimethylbenzene	0.050	0.000	0.045	89.9	0.043	85.4	36-141	5.1	25	
1,2,4-Trichlorobenzene	0.050	0.000	0.054	108	0.053	106	27-142	2.0	30	
1,2,4-Trimethylbenzene	0.050	0.000	0.048	96.5	0.026	51.8	29-153	60	27	J3
1,2-Dibromo-3-Chloropropane	0.050	0.000	0.051	101	0.060	121	37-148	18	27	
1,2-Dibromoethane	0.050	0.000	0.050	101	0.029	57.1	41-149	55	21	J3
1,2-Dichlorobenzene	0.050	0.000	0.047	94.3	0.046	92.4	40-139	2.0	23	
1,2-Dichloroethane	0.050	0.000	0.054	109	0.053	106	29-167	2.6	21	
1,2-Dichloropropane	0.050	0.000	0.054	108	0.050	99.2	39-148	8.2	20	
1,3,5-Trimethylbenzene	0.050	0.000	0.049	98.5	0.031	61.8	33-149	46	26	J3
1,3-Dichlorobenzene	0.050	0.000	0.050	99.2	0.036	72.6	32-148	31	24	J3
1,3-Dichloropropane	0.050	0.000	0.047	93.1	0.027	53.3	44-142	54	20	J3
1,4-Dichlorobenzene	0.050	0.000	0.045	89.7	0.000	0.0	32-136	J6 200	23	J3
2,2-Dichloropropane	0.050	0.000	0.053	106	0.051	101	14-158	4.4	23	
2-Butanone (MEK)	0.250	0.000	0.277	111	0.342	137	32-151	21	26	
2-Chloroethyl vinyl ether	0.250	0.000	0.134	53.8	0.761	304	0-175	J5 140	75	J3
2-Chlorotoluene	0.050	0.000	0.049	98.7	0.033	65.0	35-147	41	24	J3
4-Chlorotoluene	0.050	0.000	0.049	98.8	0.027	53.5	33-147	60	25	J3
4-Methyl-2-pentanone	0.250	0.000	0.300	120	0.339	136	40-160	12	28	
Acetone	0.250	0.029	0.244	86.2	0.294	106	25-157	19	26	
Acrolcin	0.250	0.000	0.081	32.3	0.295	118	0-179	114	39	J3
Acrylonitrile	0.250	0.000	0.286	114	0.349	140	37-162	20	24	
Benzene	0.050	0.000	0.054	108	0.050	101	16-158	6.8	21	
Bromobenzene	0.050	0.000	0.048	96.5	0.026	52.8	37-147	58	23	J3
Bromodichloromethane	0.050	0.000	0.058	116	0.056	113	45-147	2.7	20	

Quality Control Summary for client sample(s) MW-16



Quality Control Summary Envirotest

Test: Volatile Organic Compounds by Method 8260B

L367699

Matrix: Water - mg/L

Project: Woodlake Square Off-Site Delin.

Project No:HOU 080109 Login No:L367699 Sample Number:L367699-03 Sample Date:9/29/2008

Sample Date:9/29/2008 Extraction Date:10/6/2008

Analysis Date: 10/6/2008 4:29:00 PM

Instrument ID:VOCMS4
Analyst:156

Analytic Batch: WG387247

EPA ID: TN00003

Matrix Spike/Matrix Spike Duplicate L367568-03

	Spike			%		%	Control	%	Control	
Analyte	Value	Sample	MS	Rec	MSD	Rec	Limits	Qualifier RPD	Limits	Qualifier
Bromoform	0.050	0.000	0.055	110	0.034	67.3	38-152	48	20	J3
Bromomethane	0.050	0.000	0.054	107	0.052	104	0-191	2.9	35	
Carbon tetrachloride	0.050	0.000	0.062	124	0.056	112	22-168	9.7	24	
Chlorobenzene	0.050	0.000	0.049	97.3	0.026	52.2	33-148	60	22	J3
Chlorodibromomethane	0.050	0.000	0.054	109	0.031	62.8	48-151	54	21	J3
Chloroethane	0.050	0.000	0.046	91.9	0.048	95.2	4-176	3.5	27	
Chloroform	0.050	0.000	0.056	111	0.055	109	37-147	1.7	21	
Chloromethane	0.050	0.000	0.048	96.9	0.044	87.8	10-174	9.9	28	
cis-1,2-Dichloroethene	0.050	0.000	0.057	115	0.054	109	29-156	5.3	22	
cis-1,3-Dichloropropene	0.050	0.000	0.056	113	0.054	108	35-148	3.8	21	
Di-isopropyl ether	0.050	0.000	0.055	110	0.057	113	39-160	2.6	21	
Dibromomethane	0.050	0.000	0.052	104	0.050	101	36-152	3.0	20	
Dichlorodifluoromethane	0.050	0.000	0.043	86.5	0.038	76.8	0-200	12	26	
Ethylbenzene	0.050	0.000	0.049	98.2	0.027	53.4	29-150	59	24	J3
Hexachloro-1,3-butadiene	0.050	0.000	0.047	93.5	0.045	89.2	28-144	4.7	33	
Isopropylbenzene	0.050	0.000	0.051	102	0.028	55.3	35-147	60	25	J3
Methyl tert-butyl ether	0.050	0.000	0.042	83.2	0.045	89.2	24-167	6.9	22	
Methylene Chloride	0.050	0.001	0.053	105	0.039	75.8	23-151	32	21	J3
n-Butylbenzene	0.050	0.000	0.049	97.1	0.046	92.2	22-151	5.2	29	
n-Propylbenzene	0.050	0.000	0.050	99.6	0.026	52.6	26-150	62	25	J3
Naphthalene	0.050	0.003	0.045	83.5	0.049	93.1	24-160	10	37	
p-Isopropyltoluene	0.050	0.000	0.052	104	0.029	57.7	28-151	57	27	J3
sec-Butylbenzene	0.050	0.000	0.051	101	0.027	54.5	32-149	60	26	J3
Styrene	0.050	0.000	0.054	109	0.030	59.3	38-149	59	23	J3
tert-Butylbenzene	0.050	0.000	0.054	108	0.032	64.8	36-149	50	26	J3
Tetrachloroethene	0.050	0.000	0.047	93.7	0.024	48.0	13-157	65	24	J3
Toluene	0.050	0.000	0.050	100	0.047	93.6	22-152	7.1	22	
trans-1,2-Dichloroethene	0.050	0.000	0.054	108	0.047	93.8	11-160	14	23	
trans-1,3-Dichloropropene	0.050	0.000	0.056	112	0.056	111	33-153	0.8	22	
Trichloroethene	0.050	0.000	0.050	99.0	0.045	89.5	18-163	10	21	
Trichlorofluoromethane	0.050	0.000	0.052	104	0.052	105	10-177	1.0	24	
Vinyl chloride	0.050	0.000	0.049	97.4	0.046	92.3	0-179	5.4	26	
Xylenes, Total	0.150	0.000	0.147	98.2	0.079	52.4	27-151	61	23	J3

Quality Control Summary for client sample(s) MW-16



Quality Control Summary Envirotest

Test: Volatile Organic Compounds by Method 8260B

L367699

Matrix: Water - mg/L

Project: Woodlake Square Off-Site Delin.

Project No:HOU 080109 Login No:L367699 Sample Number:L367699-03 Sample Date:9/29/2008

Extraction Date: 10/6/2008

Analysis Date: 10/6/2008 4:29:00 PM

Instrument ID:VOCMS4
Analyst:156

Analytic Batch: WG387247

EPA ID: TN00003

Laboratory Control Sample/Laboratory Control Sample Duplicate

	Spike		%		%	Control	%	Control
Analyte		LCS	Rec	LCSD	Rec	Limits	Qualifier RPD	Limits Qualifier
1 1 1 2 Tatanahlamashama	0.050	0.053	104	0.051	101	75-134	2.7	20
1,1,1,2-Tetrachloroethane	0.050	0.052			101			20
1,1,1-Trichloroethane	0.050	0.052	103	0.050	101	67-137		20
1,1,2,2-Tetrachloroethane	0.050	0.054	109	0.052	103	72-128		20
1,1,2-Trichloroethane	0.050	0.050	100	0.049	98.3	79-123		20
1,1,2-Trichloro-1,2,2-	0.050	0.046	92.3	0.044	88.0	51-149		20
1,1-Dichloroethane	0.050	0.052	104	0.052	104	67-133		20
1,1-Dichloroethene	0.050	0.043	85.1	0.050	99.4	60-130		20
1,1-Dichloropropene	0.050	0.048	95.3	0.047	94.0	68-132		20
1,2,3-Trichlorobenzene	0.050	0.051	102	0.051	101	63-138		20
1,2,3-Trichloropropane	0.050	0.053	106	0.051	102	68-130		20
1,2,3-Trimethylbenzene	0.050	0.043	86.7	0.042	84.2	70-127	2.9	20
1,2,4-Trichlorobenzene	0.050	0.052	103	0.052	103	65-137	0.1	20
1,2,4-Trimethylbenzene	0.050	0.048	95.5	0.046	92.2	72-135	3.6	20
1,2-Dibromo-3-Chloropropane	0.050	0.050	100	0.049	97.8	55-134	2.5	20
1,2-Dibromoethane	0.050	0.050	101	0.049	98.0	75-126	2.7	20
1,2-Dichlorobenzene	0.050	0.046	91.8	0.045	89.1	75-122	2.9	20
1,2-Dichloroethane	0.050	0.052	103	0.052	105	63-137	1.4	20
1,2-Dichloropropane	0.050	0.051	102	0.052	104	74-122	1.9	20
1,3,5-Trimethylbenzene	0.050	0.048	96.7	0.046	92.5	73-134	4.4	20
1,3-Dichlorobenzene	0.050	0.048	95.4	0.047	93.2	73-131	2.3	20
1,3-Dichloropropane	0.050	0.048	95.0	0.046	91.9	77-119	3.3	20
1,4-Dichlorobenzene	0.050	0.043	85.7	0.042	84.2	70-121	1.8	20
2,2-Dichloropropane	0.050	0.050	100	0.049	97.2	46-151	3.3	20
2-Butanone (MEK)	0.250	0.284	114	0.278	111	53-132	2.1	20
2-Chloroethyl vinyl ether	0.250	0.323	129	0.293	117	0-171	9.8	27
2-Chlorotoluene	0.050	0.048	95.5	0.046	91.8	74-128	4.0	20
4-Chlorotoluene	0.050	0.048	95.5	0.047	94.2	74-130	1.4	20
4-Methyl-2-pentanone	0.250	0.301	120	0.297	119	60-142	1.4	20
Acetone	0.250	0.253	101	0.270	108	48-134	6.6	20
Acrolein	0.250	0.266	106	0.259	104	6-182	2.7	39
Acrylonitrile	0.250	0.297	119	0.299	120	60-140	0.6	20
Benzene	0.050	0.050	100	0.049	98.7	67-126		20
Bromobenzene	0.050	0.048	95.9	0.047	93.2	76-123		20
Bromodichloromethane	0.050	0.056	111	0.055	109	68-133		20
a. J	0.000	0.020	•••	0.000	.07	00 155	1.0	~ V

Quality Control Summary for client sample(s) MW-16



Quality Control Summary Envirotest

Test: Volatile Organic Compounds by Method 8260B

L367699

Matrix: Water - mg/L

Project: Woodlake Square Off-Site Delin.

Project No:HOU 080109 Login No:L367699 Sample Number:L367699-03 Sample Date:9/29/2008

Extraction Date: 10/6/2008

Analysis Date: 10/6/2008 4:29:00 PM

Instrument ID:VOCMS4
Analyst:156

Analytic Batch: WG387247

EPA ID: TN00003

Laboratory Control Sample/Laboratory Control Sample Duplicate

	Spike		%		%	Control	%	Control
Analyte		LCS	Rec	LCSD	Rec	Limits	Qualifier RPD	Limits Qualifier
Bromoform	0.050	0.056	112	0.055	110	60-139	1.6	20
Bromomethane	0.050	0.048	95.3	0.048	95.4	45-175		20
Carbon tetrachloride	0.050	0.055	111	0.055	109	64-141		20
Chlorobenzene	0.050	0.048	96.6	0.046	92.1	77-125		20
Chlorodibromomethane	0.050	0.054	107	0.052	104	73-138		20
Chloroethane	0.050	0.044	88.1	0.041	82.8	49-155	6.2	20
Chloroform	0.050	0.053	106	0.053	105	66-126		20
Chloromethane	0.050	0.047	93.1	0.046	91.5	45-152	1.8	20
cis-1,2-Dichloroethene	0.050	0.053	107	0.053	106	72-128	0.9	20
cis-1,3-Dichloropropene	0.050	0.054	107	0.053	105	73-131	1.6	20
Di-isopropyl ether	0.050	0.055	110	0.055	111	63-139	0.3	20
Dibromomethane	0.050	0.049	98.9	0.048	96.6	73-125	2.4	20
Dichlorodifluoromethane	0.050	0.041	81.8	0.040	80.1	39-189	2.1	24
Ethylbenzene	0.050	0.048	95.5	0.046	91.5	76-129	4.2	20
Hexachloro-1,3-butadiene	0.050	0.044	88.9	0.042	84.7	67-135	4.9	20
Isopropylbenzene	0.050	0.050	99.3	0.047	94.9	73-132	4.5	20
Methyl tert-butyl ether	0.050	0.046	92.5	0.042	83.4	51-142	. 10	20
Methylene Chloride	0.050	0.051	102	0.050	101	64-125	0.8	20
n-Butylbenzene	0.050	0.047	93.1	0.045	89.7	63-142	3.7	20
n-Propylbenzene	0.050	0.048	96.7	0.046	92.4	71-132	4.6	20
Naphthalene	0.050	0.046	92.4	0.045	89.7	56-145	3.0	20
p-Isopropyltoluene	0.050	0.051	101	0.049	98.9	68-138	2.3	20
sec-Butylbenzene	0.050	0.050	99.7	0.048	95.8	70-135	4.0	20
Styrene	0.050	0.053	106	0.051	102	78-130	3.6	20
tert-Butylbenzene	0.050	0.053	106	0.046	92.3	72-134	. 13	20
Tetrachloroethene	0.050	0.043	87.0	0.041	82.4	67-135	5.4	20
Toluene	0.050	0.047	94.6	0.046	91.5	72-122	3.4	20
trans-1,2-Dichloroethene	0.050	0.047	94.7	0.047	93.4	67-129		20
trans-1,3-Dichloropropene	0.050	0.054	109	0.053	106	66-137	2.5	20
Trichloroethene	0.050	0.047	93.3	0.046	91.1	74-126	2.5	20
Trichlorofluoromethane	0.050	0.049	98.3	0.048	95.8	54-156	2.5	20
Vinyl chloride	0.050	0.046	91.7	0.044	87.6	55-153	4.7	20
Xylenes, Total	0.150	0.141	94.1	0.137	91.1	75-128	3.3	20

Quality Control Summary for client sample(s) MW-16

	•		g information:			^	nalysis/Containe				Chain of Custody Pageof
					į					Prepared by:	rayo emevi
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· off-s	ite Delin	City/SateCollected	Housto	^ TIX						ł .	(5) 758-5858
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Two	o Day	. 50%	ı	-	of	0					
	Matrix*	Depth	Date	Time		>				Remarks/Contaminant	Sample # (lab only)
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	Comp/Grab	Client Project #: HOL 0 8 0109 Site/Facility ID#: Rush? (Lab MUST Be N Same Day Next Day Two Day Three Day Comp/Grab Matrix* Cli I' I L	Crient Project #: ESC Rev HOU 0 8 0/09 Site/Facility ID#: P.O.#: Rush? (Lab MUST Be Notified) Same Day	Crient Project #: ESC Rey: HOL 0 8 0/09 Site/Facility ID#: P.O.#: Rush? (Lab MUST Be Notified) Date Result	Client Project #: ESC Key: HOU 0 8 0/09 Site/Facility ID#: P.O.#: Rush? (Lab MUST Be Notified) Date Results Needed: NTAT	Crient Project #: HOLO 8 0/09 Site/Facility ID#: P.O.#: Rush? (Lab MUST Be Notified)	Client Project #: ESC Rey: HOL 0 8 0/09 Site/Facility ID#: P.O.#: P.O.#:	Client Project #: ESC Rey:	Email to Music Repuir Settle Collected Houston TIX Client Project #: ESC Key: HOW O 8 0/09 Site/Facility ID#: P.O.#: Rush? (Lab MUST Be Notified) Same Day. 200% Next Day. 100% Email? _No_Yes of	Comp/Grab ESC Rey: HOA 0 8 0/09 Site/Facility IDs: P.O.s:	SCIENC 12065 Leb Mt. Juliet, 7 Phone (6) Phone (8) FAX (6) Rush? (Lab MUST Be Notified) Same Day. 200% No. Two Day. 50% Two Day. 50% FAX? No_Yes Two Day. 50% Three Dey. 25% Comp/Grab Matrix* Depth Date Time 7-2-2-2-1 (1-3) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

EPAHO082001357

Si erra Chem (Cameron Compression -Porica City)

Joy Baker

From:

Al Longoria

Sent:

Wednesday, April 08, 2009 4:39 PM

To: Cc:

Lee Pinson Joy Baker

Subject:

RE:

Lee,

Here is some preliminary pricing:

1) Non hazardous liquid, sludge and solids in drums, totes and bulk.

	Drum	Tote/Supersack	Bulk /
Liquid	\$65	\$65	\$0.65% Gallon
Sludge	\$60	\$240	\$0.83/ Gallon
Solid	\$60	\$95	\$0,65/ Gallon
			

2)Spent acids drums - \$200 drum / & Bulle

3) Hazardous Carbon - \$195 drum

4)Sulfuric acid for recycle - \$50000 40/30/30/900 profile # 3356/5)Sodium Hydroxide for recycle - \$0.30/900 profile 3 357

6) Empty drums - \$10 Each

7)Paint waste:

Liquid \$120 drum

Sludge \$155 drum

Solid \$245 drum

Non Processable solid \$0.95 / pound

8)Wax - \$60 drum

Wold oils: Om / buth
Prices are subject to change. This is all dependant on the actual material shipped. Please let me know if you

have any questions.

) Used Coolant: Dm / Bulh

Thank you,

Al Longoria

Absorbent On 1 Take

CES Environmental Services, Inc.

Main: (713) 800-7911

From: Lee Pinson [mailto:lpinson@sierrachemical.net]

Sent: Monday, April 06, 2009 6:57 PM

To: Joy Baker

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Nales Doch → R	oltroff
Profiled	Caustic
	Azić
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Health, Safety & Environmental



No One Gets Hurt, Nothing Gets Harmed

HSE Home | Wastes Home | New* | My Shipments* | All by Group | By Facility | Division Totals | Facility Totals | Bus Unit Totals | Area Totals | Admin* | Carrier Licenses | Waste Streams

Year 2008 Group Compression Systems

Facility Ponca City

Go

2008 Wastes Disposed for Ponca City

Waste Stream	Unit	Amount Recycled	Amount Disposed	Total Disposed
メ HAZ・Carbon, Activated	gal	0	800	800 DFF
ODER-CL2000 DOOZ ACID	gal	0	110	110 DF/TOTE
Computer Monitors	lbs	0	100	100 45 C 16.
Corresive Liquid, Acidic, Inorganic, NOS DOZ	gal	Ó	16980	16980
Corrosive Liquid, Basic, Organic, N.O.S.	gal	0	11825	11825
HYDEA Dip Tank Wastewater NON-HAZ	gai	0	172950	V172950 TANKER
Empty Steel Drums	lhs	3800	0	3800 * 10 00 EA
Fluorescent Lights	lhs	50	0	50 .10 & FT.
Imprex NON-HAZ	gal		110	110 DP1
? Meredry (DOJ9)	lbs	20	0	20 CASE BY CONE
Oil and Absorbent NON-HAZ	lbs	0	1600	1600 DM
Sludge NON-HAZ	gal	0	7450	7450 DF
Spent Acids D002	gal	0	1040	1040 DF
Spent Cotton Filters NON-IFAZ	lbs	0	8100	8100 DF
✓Spent Solvents/Thinners (Hazardous) DCO/	gal	0	55	_55 DF
Jused Absorbents NON-HAZ	lbs	0	6400	6400 DF
Used Machine Coolant NON-HAZ	gai	0	3185	3185 DM
Used Oils NON - HAZ	gal	770	2640	3410 DM
Wax NON-HAZ	ibs	0	26185	26185

(580) 767-8101 (580) 761-0699 CELL JOE EUE MOMAN

TOY- PLEASE PRICE THE FOLLOWING: 1.) NON-HAZ LIGS/SLUDGEX
2) SPENT ACIDS IN DIMPTOTES 3.) HAZ "CARRON" MEDIA IN DMS (DOOZ)
4) BULK"SULFURIO, FOR RECYCLE 5.) BULK SOUTUM POR POR RECYCLE
14) BULK"SULFURIO, FOR RECYCLE 5.) BULK SOUTUM PORTOR FOR RECYCLE 6) Empty DRum METALE, PLASTIC T) PAINT WASTE (DOO) 8) WAX N-H
9) TEANS FROM PONCA CITY, DK - BULK & VAN

(X INCLUDES DIL, COCLANTS, N-N WATERS, SLUNGES, SOLIDS, & LATEX PAINTS) XX

http://hse.c-a-m.com/wastes/facilityshipmenttotals.asp?Year=2008&groupid=CS++++&Fa... 3/30/2009

Cameron

PAGE 16

Material Safety Data Sheet

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1. CREMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEVRON Hydraulic Oil AW

PRODUCT NUMBER(S): CPS255673 CPS255674 SYNONYM: CHEVRON Hydraulic Oil AW ISO 22

CHEVRON Hydraulic Oil AW ISO 32 CHEVRON Hydraulic Oil AW ISO 46 CHEVRON Hydraulic Oil AW ISO 68

COMPANY IDENTIFICATION

Chevron Products Company Global Lubricants 555 Market St. Room 803 San Francisco, CA 94105-2870 CP\$255675 CPS255676

EMERGENCY TELEPHONE NUMBERS

HEALTH (24 hr): (800)231-0623 or (510)231-0623 (International) TRANSPORTATION (24 hr): CHEMTREC (800)424-9300 or (703)527-3887 Emergency Information Centers are located in U.S.A. Int'l collect calls accepted

PRODUCT INFORMATION: MSDS Requests: (800) 414-MSDS or (800) 414-5737 Environmental, Safety, & Health Info: (415) 894-0703 Product Information: (800) 582-3835

2. COMPOSITION/INFORMATION ON INGREDIENTS

100.0 % CHEVRON Hydraulic Oil AW

CONTAINING

COMPONENTS AMOUNT TIMIT/OTY

AGENCY/TYPE

LUBRICATING BASE OIL SEVERELY REFINED PETROLEUM DISTILLATE > 98,00%

mg/m3 (mist) 10 mg/m3 (mist) mg/m3 (mist)

ACGIH TWA ACGIH STEL OSHA PEL

The BASE OIL may be a mixture of any of the following: CAS 64741884.

Revision Number: 0

Revision Date: Q1/27/99

MEDS Number: 007457

Y-00001 (08-89)

Page 2 of 8

CAS 64741895, CAS 64741964, CAS 64741975, CAS 64742014, CAS 64742526, CAS 64742536, CAS 64742547, CAS 64742627, CAS 64742650, or CAS 72623837.

ADDITIVES

2.00%

COMPOSITION COMMENT:

All the components of this material are on the Toxic Substances Control Act Chemical Substances Inventory.

This product fits the ACGIH definition for mineral oil mist. The ACGIH TLV is 5 mg/m3, the OSHA PEL is 5 mg/m3.

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYE:

Not expected to cause prolonged or significant eye irritation.

Contact with the skin is not expected to dause prolonged or significant irritation. Not expected to be harmful to internal organs if absorbed through the skin. High-Pressure Equipment Information: Accidental high-velocity injection under the skin of materials of this type may result in serious injury. Seek medical attention at once should an accident like this occur. The initial wound at the injection site may not appear to be serious at first; but, if left untreated, could result in disfigurement or amputation of the affected part.

INGESTION:

Not expected to be harmful if swallowed.

INHALATION:

Contains a petroleum-based mineral oil. May cause respiratory irritation or other pulmonary effects following prolonged or repeated inhalation of oil mist at airborne levels above the recommended mineral oil mist exposure limit. .

4. FIRST AID MEASURES

No specific first aid measures are required because this material is not expected to cause eye irritation. As a precaution remove contact lenses, if worn, and flush eyes with water.

SEIM:

No specific first aid measures are required because this material is not expected to be harmful if it contacts the skin. As a precaution, remove clothing and shoes if contaminated. Use a vaterless hand cleaner, mineral oil, or petroleum jelly to remove the material. Then wash skin with soap and water. Wash or clean contaminated clothing and shoes before reuse. INGESTION:

No specific first aid measures are required because this material is not

Revision Date: 01/27/99 Revision Number: 0 MSDS Number: 007457

Y_000001 (01_80)

Page 3 of 8

expected to be harmful if swallowed. Do not induce vomiting. As a precaution, give the person a glass of water or milk to drink and get medical advice. Never give anything by mouth to an unconscious person.

If exposed to excessive levels of material in the air, move the exposed person to fresh air. Get medical attention if coughing or respiratory discomfort occurs.

NOTE TO PHYSICIANS:

In an accident involving high-pressure equipment, this product may be injected under the skin. Such an accident may result in a small, sometimes bloodless, puncture wound. However, because of its driving force, material injected into a fingertip can be deposited into the palm of the hand. Within 24 hours, there is usually a great deal of swelling, discoloration, and intense throbbing pain. Immediate treatment at a surgical emergency center is recommended.

5. FIRE FIGHTING MEASURES

SPECIAL NOTES: Leaks/ruptures in high pressure systems using materials of this type can create a fire hazard when in the vicinity of ignition sources (eg. open flame, pilot lights, sparks, or electric arcs). FIRE CLASSIFICATION:

Classification (29 CFR 1910.1200): Not classified by OSHA as flammable or combustible,

FLAMMABLE PROPERTIES:

FLASH POINT: (COC) 302F (150C) Min.

AUTOIGNITION: NDA

FLAMMABILITY LIMITS (& by volume in air): Lower: NA Upper: NA

EXTINGUISHING MEDIA:

CO2, Dry Chemical, Foam, Water Fog

MFPA RATINGS: Health O; Flammability 1; Reactivity O.

FIRE FIGHTING INSTRUCTIONS:

This material will burn although it is not easily ignited.

COMBUSTION PRODUCTS:

Normal combustion forms carbon dioxide and water vapor; incomplete combustion can produce carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

CHENTREC EMERGENCY NUMBER (24 hr): (800)424-9300 or (703)527-3887 International Collect Calls Accepted ACCIDENTAL RELEASE MEASURES:

Stop the source of the leak or release. Clean up releases as soon as possible, observing precautions in Exposure Controls/Personal Protection. Contain liquid to prevent further contamination of soil, surface water or groundwater. Clean up small spills using appropriate techniques such as sorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Follow prescribed procedures for reporting and responding to larger releases.

Revision Number: 0

Revision Date: 01/27/99

MSDS Number: 007457

X-DOS921 (01-89)

Page 4 of 8

7. HANDLING AND STORAGE

DO NOT USE IN HIGH PRESSURE SYSTEMS in the vicinity of flames, sparks and hot surfaces. Use only in well ventilated areas. Keep container closed.

Drum is not designed to contain pressure. Do not use pressure to empty drum or drum may rupture with explosive force. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty drums should be completely drained, properly bunged, and promptly returned to a drum reconditioner, or properly disposed of. Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

GENERAL COMSIDERATIONS:

Consider the potential hazards of this material (see Section 3), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

ENGINEERING CONTROLS

Use in a well-ventilated area. If user operations generate an oil mist, use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below the recommended mineral oil mist exposure limits.

PERSONAL PROTECTIVE EQUIPMENT EYE/FACE PROTECTION:

No special eye protection is normally required. Where splashing is possible, wear safety glasses with side shields as a good safety practice. SKIN PROTECTION:

No special protective clothing is normally required. Where splashing is possible, select protective clothing depending on operations conducted, physical requirements and other substances. Suggested materials for protective gloves include: <Nitrile> <Silver Shield> <Viton>

No respiratory protection is normally required. If user operations generate an oil mist, determine if airborne concentrations are below the recommended mineral oil mist exposure limits. If not wear a NIOSH approved respirator that provides adequate protection from measured concentrations of this material lise the following elements for sir-purifying

Revision Number: 0 Revision Date: 01/27/99 MEDS Number: 007457

CHEVRON Hydraulic Oil AW Page 5 of 8 respirators: particulate. 1 9. PHYSICAL AND CHEMICAL PROPERTIES PHYSICAL DESCRIPTION: Pale yellow liquid. ;Hq VAPOR PRESSURE: NA VAPOR DENSITY (AIR=1): NA BOILING POINT: NDA FREEZING POINT: NDA MELTING POINT: Soluble in hydrocarbon solvents; insoluble in water. SOLUBILITY: SPECIFIC GRAVITY: 0.86 - 0.88 @ 15.6/15.6C VOLATILE ORGANIC <2.2 (wt.%); 19 g/1 (estimated) COMPOUNDS (VOC): EVAPORATION RATE: NA 22 - 61.2 cst @ 40C (Min.) VISCOSITY: PERCENT VOLATILE (VOL): NA 10. STABILITY AND REACTIVITY HAZARDOUS DECOMPOSITION PRODUCTS: No data available. CHEMICAL STABILITY: stable. COMDITIONS TO AVOID: No data available. INCOMPATIBILITY WITH OTHER MATERIALS: May react with strong oxidizing agents, such as chlorates, nitrates, peroxides, etc. HAZARDOUS POLYMERIZATION: Polymerization will not occur. 11. TOXICOLOGICAL INFORMATION EXE EFFECTS: The eye irritation hazard is based on data for a similar material. SKIN EFFECTS: The skin irritation hazard is based on data for a similar material. ACUTE ORAL EFFECTS: The acute oral toxicity is based on data for a similar material. ACUTE INHALATION EFFECTS: The acute respiratory toxicity is based on data for a similar material. ADDITIONAL TOXICOLOGY IMPORNATION: This product contains petroleum base oils which may be refined by various processes including severe selvent extraction severe hydrogracking Revision Number: 0 Revision Date: 01/27/99 MSDS Number: 007457

X-DOS021 (01-89)

Page 6 of B

severe hydrotreating. None of the oils requires a cancer warning under the OSHA Hazard Communication Standard (29 CFR 1910.1200). These oils have not been listed in the National Toxicology Program (NTP) Annual Report nor have they been classified by the International Agency for Research on Cancer (IARC) as; carcinogenic to humans (Group 1), probably carcinogenic to humans (Group 2A), or possibly carcinogenic to humans (Group 2B).

12. ECOLOGICAL INFORMATION

ECOTOXICITY:

This material is not expected to be harmful to aquatic organisms.

ENVIRONMENTAL FATE:

This material is not expected to be readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Oil collection services are available for used oil recycling or disposal. Place contaminated materials in containers and dispose of in a manner consistent with applicable regulations. Contact your sales representative or local environmental or health authorities for approved disposal or recycling methods.

14. TRANSPORT INFORMATION

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

DOT SHIPPING NAME: NONE DOT HAZARD CLASS: NONE

DOT IDENTIFICATION NUMBER: NONE

DOT PACKING GROUP: N/A

ADDITIONAL INFO: Petroleum Lubricating Oil - Not Hazardous by U.S. DOT. ADR/RID Hazard class - Not applicable.

15. REGULATORY INFORMATION

SARA 311 CATEGORIES:

- 1. Immediate (Acute) Health Effects:
- 2. Delayed (Chronic) Health Effects: NO
- fire Hazard: 3. NO
- 4. Sudden Release of Pressure Hazard: NO
- 5. Reactivity Hazard:

PEGILLATORY LISTS SEARCHEN.

Ravision Number: 0

Revision Date: 01/27/99

MSDS Number: 007457

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Page 7 of 8

01=SARA 313	11=NJ RTK	22=TSCA Sect 5(a)(2)
02=MASS RTK	12-CERCLA 302.4	23=TSCA Sect 6
03=NTP Carcinogen	13=MN RTK	24=TSCA Sect 12(b)
04=CA Prop 65-Carcin	14-ACGIH TWA	25=TSCA Sect 8(a)
05=CA Prop 65-Repro Tox	15=ACGIH STEL	26=TSCA Sect 8(d)
06-IARC Group 1	16-ACGIH Calc TLV	27=TSCA Sect 4(a)
07=IARC Group 2A	17=OSHA PEL	28=Canadian WHMIS
08=IARC Group 2B	18-DOT Marine Pollutant	29=OBHA CEILING
09=SARA 302/304	19=Chevron TWA	30=Chevron STEL
10=PA RTK	20=EPA Carcinogen	

The following components of this material are found on the regulatory lists indicated.

SEVERELY REFINED PETROLEUM DISTILLATE is found on lists: 14,15,17,

EU RISK AND SAFETY LABEL PHRASES:

May cause long-term adverse effects in the aquatic environment.

NEW JERSEY RTK CLASSIFICATION:

Under the New Jersey Right-to-Know Act L. 1983 Chapter 315 N.J.S.A. 34:5A-1 et. seq., the product is to be identified as follows: PETROLEUM OIL

WHMIS CLASSIFICATION:

This product is not considered a controlled product according to the criteria of the Canadian Controlled Products Regulations.

16. OTHER INFORMATION

NFPA RATINGS: Health 0; Flammability 1; Reactivity 0; HNIS RATINGS: Health 1; Flammability 1; Reactivity 0; (0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme, PPE:- Personal Protection Equipment Index recommendation, *- Chronic Effect Indicator). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

REVISION STATEMENT:

This is a new Material Safety Data Sheet.

ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT:

TLV - Threshold Limit Value TWA - Time Weighted Average
STEL - Short-term Exposure Limit TPQ - Threshold Planning Quantity

RQ - Reportable Quantity
C - Ceiling Limit PEL - Permissible Exposure Limit

CAS - Chemical Abstract Service Number () - Change Has Been Proposed Al-5 - Appendix A Categories

NDA - No Data Available NA - Not Applicable

Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the ANSI MSDS Standard (2400.1) by the Toxicology and Health Bigk Aggesment Unit CRTC D D How 1627 Bichmond Ca 94804

Revision Date: 01/27/99 MSDS Number: 007457 Revision Number: 0

X-008021 (01-88)

CHEVROW Hydraulic Oil AW	Page 8 of 8
****	**********
The above information is based on the data believed to be correct as of the data her be applied under conditions beyond our counfamiliar and since data made available suggest modification of the information, ity for the results of its use. This information that the person receiving it shof the suitability of the material for his	reof. Since this information may part and with which we may be subsequent to the date hereof may we do not assume any responsibil-formation is furnished upon hall make his own determination

•	
•	
Revision Number: 0 Revision Date:	01/27/99 MSD5 Number: 007457
il	N. Popper inc. III

MATERIAL SAFETY DATA SHEET

1. CHEMICAL IDENTITY

Chemical name: SODIUM HYDRO : Synonyms : Caustic soda, Soda Ly	XIDE Chemical classification Alkaline inorganic compound re, Lye Trade Name
Formula : NaOH	C.A.S. No. 1310-73-2 : U.N. No. 1823 / 1824
Regulated identification	Shipping Name: Sodium Hydroxide, Solid/solution Hazchem Code 2 R Codes / Label: Corrosive. class. 8 Hazardous Waste ID No. 16
HAZARDOUS INGREDIENTS	: C.A.S. No. 1310-73-2
Sodium Hydroxide	

2. PHYSICAL / CHEMICAL DATA

Boiling PT/range: 1390 ⁰ C	Physical state solid: Appearance white flakes / pellets
	Vapour Pressure: Odour Odourless
Melting / Freezing pt. : 318.4 ⁰ C Vapour density Not pertinent (Air = 1)	@ 35 ⁰ C / mm Hgat 730 ⁰ C : solubility in water at 30 ⁰ C : Soluble Others : Soluble in alcohol, methanol and glycerol
specific Gravity: 2.12 at 24 ⁰ C/4 ⁰ C (water = 1)	pH : 13-14 (Soln)

3. FIRE / EXPLOSION HAZARD DATA

Flammability : No TDG Flammability : N.A		LEL Not pertinent %: UEL Not pertinent %		
Auto ignition Temperatu Explosion sensitivity to i Explosion sensitivity to i Electricity Hazardous Combustion Hazardous Polymerization	mpact mpact static Products	Not pertinent Stable Stable Emits toxic fumes of I Will not occur	Na ₂ O	
Combustible liquid Flammable material Pyrophoric Material	No No No	Explosive Material Oxidiser Organic Peroxide	No No No	Corrosive Material : yes

4. REACTIVITY DATA

Chemical stability	Stable
Incompatibility	Water, acids, flammable liquids, organic halides, metals,
With other material	Al Sn, Zn, nitro methane and
	nitro compounds
Reactivity	Vigorous reaction with organic halides, metals, nitro
Hazardous Reaction Products	compounds
	Not available

5. HEALTH HAZARD DATA

Routes of entry	Inhalation, Skin, Ingestion & Eyes
Effects of exposure/ symptoms	Inhalation: Causes small burns to upper respiratory tract and
	lungs, mild nose irritation
	Ingestion: Causes severe damage to mucous membrane. Severe
	scaring or perforation
	may occur. Eyes: Severe damage. Skin: Causes Severe burns.
LD ₅₀ (Oral - rat) : Not listed mg/kg STEL : Not listed ppm Not listed mg/m ³	

Permissible exposure limit (ceiling) ----- ppm 2mg/m³ Odour Threshold : Odourless

TLV (ACGIH) (ceiling) ----- ppm 2mg/m³:

NFPA Hazard : Health Flammability Reactivity Special

6. PREVENTIVE MEASURES

Personal: Avoid contact with solid or liquid

Protective Equipment: Provide side covered safety goggles, face shield, dust-type respirator,

rubber shoes and rubber hand gloves

Handling & Storage Precautions: Keep in a cool, dry, well ventilated place

7. EMERGENCY / FIRST AID MEASURES

FIRE: Fire extinguishing Media: Not combustible

Special Procedure: Keep the containers cool by spraying water if exposed to heat or flame.

Unusual Hazards: Toxic gases are produced

Exposure: First Aid Measures: If eyes are affected, flush with plenty of water for 15 minutes.

Skin: Remove contaminated clothing & shows wash the affected area with plenty of water. If inhaled, remove the victims to trash on area. Support a respiration seek

a respiration. Seek medical immediately Antidotes/dosage: Not available.

SPILLS Steps to be taken: Sweep and collect without making dust. Wash the surface with plenty

of water and soap.

Waste Disposal Method: Seal all waste in vapour-tight plastic bags for eventual disposal.

8. ADDITIONAL INFORMATION / REFERENCES

Vigorous reaction with 1,2,4,5 - Tetrachlorobenzene has caused many industrial explosions and forms extremely toxic 2,3,7,8, - Tetrachlorodibeneodioxin. Under proper conditions of temperature, pressure and state of division, it can react / ignite violently with acetic acid, acetaldehyde, acetic anhydride, acrolein, acrylonitrite, allyl alcohol, allyl chloride.

9. MANUFACTURERS / SUPPLIERS DATA

Name: Al Kout Industrial Projects Company, Kuwait

Plant : Salt & Chlorine Plant, Shuaiba, Kuwait

Company's Post Box: Post Box No. 10277, Shuaiba-65453, Kuwait

Tel: 00-(965)-3263795 / 3261500

Fax No. 00-(965)- 3263572 / 3261404 / 3261818

Company's Emergency Phone No. 00-(965)-3263795 Extn: 202, 9375187, 9878503, 9408588,

3261029, 9133221 (Pager).

10. DISCLAIMER

Information contained in this material data sheet is believed to be reliable but no representation, guarantee or warranties of any kind are made as to its accuracy, suitability for a particular application or results to be obtained from them. It is up to the manufacturer/seller to ensure that the information contained in the material safety data sheet is relevant to the product manufactured / handled or sold by him as the case may be. The AIPCo. makes no warranties expressed or implied in respect of the adequacy of this document for any particular purpose.

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The Kindt-Collins Company LLC

12651 Elmwood Ave Cleveland, Ohio 44111

Kinco Brown Scuinture Wax

DATE PREPARED:

3/14/01

LAST REVISION:

3/3/06

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER: Kindt-Collins Company LLC

INFORMATION PHONE:

(216) 252-4122

12651 Elmwood Ave Cleveland, OH 44111 **EMERGENCY PHONE:**

(800) 424-9300

(Chemtrec)

PRODUCT NAME:

Kinco Brown Sculpture Wax

PRODUCT NUMBER:

UPC NUMBER:

SYNONYMS:

PREPARED BY

Kathy Louney-Bilski

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name

CAS#

Ingredient %

OSHA PEL

ACGIH TLV

WAX BLEND - Microcrystalline wax

63231607

100

2 ppm (mg/m³)

TWA 2 ppm (mg/m

This Product is completely colophony free with no detectable trace elements.

HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW:

POTENTIAL HEALTH EFFECTS

EYE CONTACT:

Fumes from molten product may cause irritation. Contact with molten product may cause severe

thermal burns.

INHALATION:

Product dust may cause respiratory tract irritation. Molten wax may cause irritation to the

respiratory tract

INGESTION:

Low order of acute systematic toxicity

SKIN CONTACT:

Contact with molten wax may cause severe thermal burns.

SIGNS AND SYMPTOMS OF EXPOSURE:

4. FIRST AID MEASURES

EYE CONTACT:

Ambient wax - flush wax particles with tepid water. Hot wax - seek medical attention

INHALATION:

When fume or mist occurs remove to fresh air. If person is not breathing provide oxygen or artificial

respiration. Seek medical attention.

INGESTION:

Small quantities - permit to pass through system. Large quantities - seek medical attention

I CONTACT:

Ambient wax - wash with soap and water. Molten wax - cool wax immediately - do not remove wax

from skin. Seek medical attention.

Page 1 of 4

AGGRAVATED MEDICAL CONDITIONS:

SUPPLEMENTAL HEALTH INFORMATION:

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASH POINT: >175°C/347°F

FLASH POINT METHOD USED: COC, ASTM D-92

AUTOIGNITION: Not Determined

LEL: Not Determined UEL: Not Determined

EXTINGUISHING MEDIA:

Use water fog, alcohol-type foam, dry chemical, or CO2. Do not use direct stream of water.

SPECIAL FIRE FIGHTING PROCEDURES:

Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece in positive pressure mode. Move containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

As with most solid or particulate organic material, extremely high dust concentration in air may result in a potential fire hazard. Good housekeeping practices will prevent any significant accumulations.

COMBUSTION PRODUCTS:

N/A

6. ACCIDENTAL RELEASE MEASURES

"PS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED:

Sweep up material and place in appropriate disposal container. If molten wax-contain spil as much as possible and let molten wax cool. Once solid, place material in appropriate disposal container.

7. HANLDING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Follow all MSDS/label precautions even after container is emptied because they may retain product residues.

OTHER PRECAUTIONS:

N/A

8. EXPOSURE CONTROL/PERSONAL PROTECTION

RESPIRATORY PROTECTION:

Normally none required. For mist and furnes ussed approved NIOSH/MSHA organic respirator,

VENTILATION:

Provide exhaust ventilation sufficient to keep the airborne concentration of this product below its exposure limits. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination

PROTECTIVE GLOVES:

Ambient wax- cotton gloves /Molten wax- Impervious heat protectivegioves

EYE PROTECTION:

Safety glasses with side shields (or goggles) and a face shield.

N/A OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

WORK / HYGENIC PRACTICES:

Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the restroom facilities.

Kinco Brown Sculpture Wax

Page 2 of 4

ENGINEERING CONTROLS:

Good ventilation should be sufficient to control airborne levels. Do not let molten product

stand unused in melt tanks and injection machines. Stir molten product at all times.

EXPOSURE GUIDELINES:

9. PHYSICAL AND CHEMICAL PROPERTIES

SOLUABILITY IN WATER:

Insoluable

APPEARANCE AND ODOR: brown to black solid-little or no odor

BOILING POINT:

660-730° F

FREEZING POINT:

N/A

VAPOR PRESSURE

NIL

PERCENT VOLATILE:

N/A

N/A **EVAPORATION:**

N/A

POUNDS PER GALLON

Not Determined

MOLECULAR WEIGHT:

N/A

SPECIFIC GRAVITY:

~.930

VAPOR DENSITY:

N/A

MELTING POINT:

161+/-6.°F

OTHER PROPERTIES:

10. STABILITY AND REACTIVITY

STABLE: Stable

INCOMPATIBILITY:

Strong oxidizing materials.

HAZARDOUS DECOMPOSITION

Carbon dioxide (Carbon monoxide with incomplete combustion)

OR BY PRODUCTS:

HAZARDOUS

Will Not Occur

POLYMERIZATION:

11. TOXICOLOGY INFORMATION

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

Any disposal practice must be in compliance with federal, state, and local regulations. Do not dump into sewers, ground, or any body of water.

14. TRANSPORTATION INFORMATION

DOT CLASS:

Non-Hazardous

HAZARD CLASS:

Non-Hazard

UN NUMBER:

Non-Hazard Non-Hazard

PACKING: **GUIDE NUMBER:**

N/A

PROPER SHIPPING NAME: Non-Hazardous

15. REGULATORY INFORMATION

EC Classification:

No hazardous ingredients as defined by OSHA 29 CFR 1910.1200

SARA Title III

Section 302: Extremely Hazardous (If Section is blank - then it is N/A (not applicable))

Chemical Name

CAS number

Wt %

per 40 CFR 372.45(f) toxic chemicals if so listed here in the mixture do not exceed the specified upper bound concentration value listed as Wt%

Section 311-312: Hazardous Catergorization (If Section is blank - then it is N/A (not applicable))

Chemical Name

CAS number

Wt %

Section 313: Toxic Chemical (If Section is blank - then it is N/A (not applicable))

Chemical Name

CAS number

Wt. %

WHIMIS

(If Section is blank - then it is N/A (not applicable))

Chemical name

CAS number

Wt. %

Proposition 65

(If Section is blank - then it is N/A (not applicable))

Chemical name

CAS number

Wt. %

10. OTHER INFORMATON

HMIS INFORMATION:

HEALTH: 1

FLAMMABILITY:

REACTIVITY:

PROTECTIVE:

DISCLAIMER

The information contained herein is based on the data available to The Kindt-Collins LLC and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. We assume no responsibilities for injury from the use of this product desribed herein.

We only warrant to you, but no other persons, that the product herein shall conform to our Quality Assurance specifications on the date of shipment to you. Any technical advise, information, or recommendations given to you is given gratis without any warranty, expressed or implied.



4904 Griggs Road Houston TX 77021 Tel. (713) 676-1460 Fax. (713) 676-1460

Waste Pre-Acceptance/Approval Letter

Date 6/5/2009

Dear Lee Pinson

Thank you for choosing CES Environmental Services, Inc. for you waste disposal and/or recycling needs. The following waste stream has been approved at our facility in Houston, TX. If the waste received does not conform to the profile, then rejection or additional charges may apply.

CES Profile # PA-3356

Expiration Date 6/3/2011

Generator: Cameron Compression Systems

Address: 600 South First Street

Ponca City, OK 74604

Waste Information

Name of Waste: Copper sulfate solution

TCEQ Waste Code # product

Container Type:

Detailed Description of Process Generating Waste:

used acidic plating "this product is NOT waste, it is being used for it's intended purpose

Color: blue

Odor: mild

pH: <1

Physical State:

Incompatibilities: strong bases/caustic Safety Related Data/Special Handling:

standard PPE

If you have any questions concerning this approval and/or the conditions, then please feel free to contact our office at (713) 676-1460.

Thank you,

Matt Bowman, President

CES Environmental Services, Inc.



4904 Griggs Road Houston TX 77021 Tel. (713) 676-1460 Fax. (713) 676-1460

Waste Pre-Acceptance/Approval Letter

Date 6/5/2009

Dear Lee Pinson

Thank you for choosing CES Environmental Services, Inc. for you waste disposal and/or recycling needs. The following waste stream has been approved at our facility in Houston, TX. If the waste received does not conform to the profile, then rejection or additional charges may apply.

CES Profile # PA-3357

Expiration Date 6/3/2011

Generator: Cameron Compression Systems

Address: 600 South First Street

Ponca City, OK 74604

Waste Information

Name of Waste: Sodium hydroxide solution

TCEQ Waste Code # Product

Container Type:

Detailed Description of Process Generating Waste:

used plating solution "this material is not a waste, it is product being used for what its intended purpose"

Color: varies

Odor: mild

pH: >14

Physical State:

Incompatibilities: strong acids

Safety Related Data/Special Handling:

standard PPE

If you have any questions concerning this approval and/or the conditions, then please feel free to contact our office at (713) 676-1460.

Thank you,

Matt Bowman, President CES Environmental Services, Inc.

Environmental Testing Inc. 488200

4619 N. Santa Fe, OKC, OK 73118 - (405) 488-2400 - (405) 488-2404 fax

Analytical Report

Report Date:

02/03/2009

Order#

2009010344

Laboratory Certificate # 7211

Client: Mr. Tom Sturgill

Ashland

5021 Woodhaven Circle Harrah, OK 73045 Project: Cameron Specialties

Analytical Results

Client Sample ID: Pit Water ETI ID: 1

Sample Collected: 01/26/2009 @ 10:00 Matrix: Aqueous

Parameter	<u>Result</u>	<u>Units</u>	Analyzed On	<u>Analyst</u>	Method
TCLP Arsenic	<0.1	mg/L	01/29/2009 12:13:32 PM	JS	200.7
TCLP Barium	<0.1	mg/L	01/29/2009 12:13:32 PM	JS	200.7
TCLP Cadmium	<0.1	mg/L	01/29/2009 12:13:32 PM	JS	200.7
TCLP Chromium	0.99	mg/L	01/29/2009 12:13:32 PM	JS	200.7
TCLP Lead	<0.1	mg/L	01/29/2009 12:13:32 PM	SL	200.7
TCLP Mercury	<0.002	mg/L	01/29/2009 11:41:00 AM	JS	245.1
TCLP Selenium	<0.1	mg/L	01/29/2009 12:13:32 PM	JS	200.7
TCLP Silver	<0.1	mg/L	01/29/2009 12:13:32 PM	JS	200.7
Corrosivity (as pH)	3.66	S.U.	02/02/2009 11:40:00 AM	LH	4500 H+ B
Cyanide	<0.50	mg/L	02/03/2009 03:10:00 PM	LH	4500-CN E
Flashpoint	>140	۰F	02/02/2009 11:00:00 AM	LH	1010 A
Sulfide	<50.0	mg/L	02/03/2009 11:05:00 AM	LH	4500-S2 D

Client Sample ID: Pit Water Sludge ETI ID: 2

Sample Collected: 01/26/2009 @ 10:00 Matrix: Solids

Parameter	Result	<u>Units</u>	Analyzed On	Analyst	Method
TCLP Arsenic	<0.1	mg/L	01/29/2009 12:15:34 PM	JS	200.7
TCLP Barium	0.67	mg/L	01/29/2009 12:15:34 PM	JS	200.7
TCLP Cadmium	<0.1	mg/L	01/29/2009 12:15:34 PM	JS	200.7
TCLP Chromium	0.19	mg/L	01/29/2009 12:15:34 PM	JS	200.7
TCLP Lead	<0.1	mg/L	01/29/2009 12:15:34 PM	JS	200.7
TCLP Mercury	<0.002	mg/L	01/29/2009 11:43:00 AM	JS	245.1
TCLP Selenium	<0.1	mg/L	01/29/2009 12:15:34 PM	JS	200.7
TCLP Silver	<0.1	mg/L	01/29/2009 12:15:34 PM	JS	200.7
Corrosivity (as pH)	4.88	S.U.	02/03/2009 10:30:00 AM	LH	9045A
Cyanide	<50.0	mg/Kg	01/29/2009 01:20:00 PM	LH	9010B

Analytical Results

Pit Water Sludge ETI ID: 2 Client Sample ID: Sample Collected: 01/26/2009@10:00 Matrix: Solids

Result **Analyzed On Parameter** Units **Analyst** Method

Flashpoint >140 02/02/2009 11:00:00 AM LH 1010A Sulfide <50.0 mg/Kg 02/03/2009 11:00:00 AM LH Hach 8131

Respectfully Submitted:

President

Unless ETI receives prior notification, all sample material not consumed in analysis will be retained for a period of 30 days before disposal.

Order #: 2009010344

Page 2 of 6

Environmental Testing Inc. 488824000

Quality Control Report

Report Date:

Order#

02/03/2009 2009010344

Laboratory Certificate # 7211

4619 N. Santa Fe, OKC, OK 73118 - (405) 488-2400 - (405) 488-2404 fax

Quality Control

Aqueous

Blank

Parameter	QC Value	Units	ETI ID	
TCLP Arsenic	<0.01	mg/L	1	
TCLP Barium	<0.01	mg/L	1	
TCLP Cadmium	<0.01	mg/L	1	
TCLP Chromium	<0.01	mg/L	1	
TCLP Lead	<0.01	mg/L	1	
TCLP Mercury	<0.0002	mg/L	1	
TCLP Selenium	<0.01	mg/L	1	
TCLP Silver	<0.01	mg/L	1	
Cyanide	<0.15	mg/L	1	
Sulfide	<0.05	mg/L	1	

Duplicate

Parameter	QC Value	Units	ETI ID	
TCLP Arsenic	0.0	% dif.	1	
TCLP Barium	3.3	% dif.	1	
TCLP Cadmium	0.0	% dif.	1	
TCLP Chromium	0.0	% dif.	1	
TCLP Lead	0.0	% dif.	1	
TCLP Mercury	0.0	% dif.	1	
TCLP Selenium	0.0	% dif.	1	
TCLP Silver	0.0	% dif.	1	
Corrosivity (as pH)	0.0	% dif.	1	

LCS

Parameter	QC Value	Units	ETI ID	
TCLP Arsenic	108	% rec.	1	
TCLP Barium	100	% rec.	1	
TCLP Cadmium	106	% rec.	1	
TCLP Chromium	105	% гес.	1	
TCLP Lead	104	% rec.	1	
TCLP Mercury	86	% гес.	1	· · · · · · · · · · · · · · · · · · ·
TCLP Selenium	104	% rec.	1	
TCLP Silver	100	% гес.	1	
Cyanide	115	% гес.	1	

Order #: 2009010344

Quality Control

Aqueous

LCS

Parameter	QC Value	Units	ETI ID
Flashpoint	99	% rec.	1
Sulfide	104	% rec.	1

Matrix Spike

Parameter	QC Value	Units	ETI ID	
TCLP Arsenic	106	% rec.	1	
TCLP Barium	93	% rec.	1	
TCLP Cadmium	99	% rec.	1	
TCLP Chromium	95	% rec.	1	
TCLP Lead	92	% rec.	1	
TCLP Mercury	88	% rec.	1	
TCLP Selenium	104	% rec.	1	
TCLP Silver	92	% гес.	1	
Cyanide	118	% гес.	1	
Sulfide	82	% rec.	1	

Matrix Spike Dup

Parameter	QC Value	Units	ETI ID	
TCLP Arsenic	107	% rec.	1	
TCLP Barlum	90	% rec.	1	
TCLP Cadmium	100	% rec.	1	
TCLP Chromium	95	% гес.	1	
TCLP Lead	91	% rec.	1	
TCLP Mercury	93	% rec.	1	
TCLP Selenium	104	% rec.	1	
TCLP Silver	92	% rec.	1	
Cyanide	113	% rec.	1	
Sulfide	96	% rec.	1	

Solids

Blank

Parameter	QC Value	Units	ETI ID	
TCLP Arsenic	<0.01	mg/L	2	
TCLP Barium	<0.01	mg/L	2	
TCLP Cadmium	<0.01	mg/L	2	
TCLP Chromium	<0.01	mg/L	2	
TCLP Lead	<0.01	mg/L	2	
TCLP Mercury	<0.0002	mg/L	2	
TCLP Selenium	<0.01	mg/L	2	
TCLP Silver	<0.01	mg/L	2	
Cyanide	<0.05	mg/L	2	
Sulfide	<0.05	mg/L	2	

Order #: 2009010344 Page 4 of 6

Quality Control

Solids

Duplicate

Parameter	QC Value	Units	ETI ID	
TCLP Arsenic	0.0	% dif.	2	
TCLP Barium	3.3	% dif.	2	
TCLP Cadmium	0.0	% dif.	2	
TCLP Chromium	0.0	% dif.	2	
TCLP Lead	0.0	% dif.	2	
TCLP Mercury	0.0	% dif.	2	
TCLP Selenium	0.0	% dif.	2	
TCLP Silver	0.0	% dif.	2	

LCS

Parameter	QC Value	Units	ETI ID	
TCLP Arsenic	108	% rec.	2	
TCLP Barium	100	% rec.	2	
TCLP Cadmium	106	% rec.	2	
TCLP Chromium	105	% rec.	2	
TCLP Lead	104	% rec.	2	
TCLP Mercury	86	% rec.	2	
TCLP Selenium	104	% rec.	2	
TCLP Silver	100	% rec.	2	
Cyanide	117	% гес.	2	
Flashpoint	99	% гес.	2	
Sulfide	120	% rec.	2	

Matrix Spike

Parameter	QC Value	Units	ETIID	
TCLP Arsenic	106	% гес.	2	
TCLP Barlum	93	% rec.	2	
TCLP Cadmium	99	% rec.	2	
TCLP Chromium	95	% rec.	2	
TCLP Lead	92	% rec.	2	
TCLP Mercury	88	% rec.	2	
TCLP Selenium	104	% rec.	2	
TCLP Silver	92	% rec.	2	
Cyanide	106	% rec.	2	
Sulfide	44M	% rec.	2	

Matrix Spike Dup

Parameter	QC Value	Units	ETI ID	
TCLP Arsenic	107	% rec.	2	
TCLP Barium	90	% rec.	2	
TCLP Cadmium	100	% rec.	2	
TCLP Chromium	95	% rec.	2	
TCLP Lead	91	% rec.	2	
TCLP Mercury	93	% rec.	2	

Order #: 2009010344 Page 5 of 6

Quality Control

Solids

Matrix Spike Dup

Parameter	QC Value	Units	ETI ID	
TCLP Selenium	104	% rec.	2	
TCLP Silver	92	% rec.	2	
Cyanide	93	% rec.	2	
Sulfide	43M	% rec.	2	

E = Estimated Value (above linear range)

M = Out of Control Due to Matrix Effect

D = Surrogate or Matrix Spike Diluted Out

Q = Outside of QC Limits on Both Original and Rerun

C = Possible Laboratory Contamination

* = Out of Control

Order #: 2009010344

J = Estimated Value (below linear range)

*TA = Lab ID: 9412

*OL = Lab ID: 8306

*SM = Lab ID: 9940

010 07/11/06 FERROUS SULFATE ALL GRADES

PRODUCT NAME:

FERROUS SULFATE ALL GRADES

MSDS NUMBER:

MZF1804

DATE ISSUED: 9/12/2005

SUPERSEDES: 8/23/2004

ISSUED BY:

008614

FERROUS SULFATE

1. PRODUCT IDENTIFICATION

Distributed by:

Univar USA Inc.

17425 NE Union Hill Road

Redmond, WA 98052

425-889-5000

SYNONYMS:

FERROUS SULPHATE; IRON SULFATE; SULFURIC ACID, IRON (2+)

SALT (1:1),

CAS NO:

7720-78-7 (Anhydrous) 7782-63-0 (Heptahydrate)

17375-41-6 (Monohydrate)

MOLECULAR WEIGHT: NOT APPLICABLE TO MIXTURES.

CH ICAL FORMULA: FESO4 . XH2O

2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT		CAS NO	PERCENT	HAZARDOUS
FERROUS SULFATE	ANHYDROUS	7720-78-7	100%	YES
FERROUS SULFATE	HEPTAHYDRATE	7782-63-0	100%	YES
FERROUS SULFATE	MONOHYDRATE	17375-41-6	100%	YES
		==============		

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING! HARMFUL IF SWALLOWED OR INHALED. CAUSES IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT. AFFECTS THE LIVER.

POTENTIAL HEALTH EFFECTS _____

INHALATION:

CAUSES IRRITATION TO THE RESPIRATORY TRACT. SYMPTOMS MAY INCLUDE COUGHING, SHORTNESS OF BREATH.

INCTSTION:

LOS 'OXICITY IN SMALL QUANTITIES BUT LARGER DOSAGES MAY CAUSE NAUSEA, VOMITING, DIARRHEA, AND BLACK STOOL. PINK URINE DISCOLORATION IS A STRONG INDICATOR OF IRON POISONING. LIVER DAMAGE, COMA, AND DEATH FROM IRON POISONING HAS BEEN RECORDED. SMALLER DOSES ARE MUCH MORE TOXIC TO CHILDREN.

SKIN CONTACT:

CAUSES IRRITATION TO SKIN. SYMPTOMS INCLUDE REDNESS, ITCHING, AND PAIN.

EYE CONTACT:

CAUSES IRRITATION, REDNESS, AND PAIN.

CHRONIC EXPOSURE:

SEVERE OR CHRONIC FERROUS SULFATE POISONINGS MAY DAMAGE BLOOD VESSELS.

L JE CHRONIC DOSES CAUSE RICKETS IN INFANTS. CHRONIC EXPOSURE MAY CAUSE LIVER EFFECTS. PROLONGED EXPOSURE OF THE EYES MAY CAUSE DISCOLORATION.

AGGRAVATION OF PRE-EXISTING CONDITIONS:

PERSONS WITH PRE-EXISTING SKIN DISORDERS OR EYE PROBLEMS, OR IMPAIRED LIVER, KIDNEY OR RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

4. FIRST AID MEASURES

INHALATION:

REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION.

INGESTION:

INDUCE VOMITING IMMEDIATELY AS DIRECTED BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION.

SKIN CONTACT:

IMMEDIATELY FLUSH SKIN WITH PLENTY OF SOAP AND WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES. GET MEDICAL ATTENTION. WASH CLOTHING BEFORE REUSE. THOROUGHLY CLEAN SHOES BEFORE REUSE.

EYE CONTACT:

IM DIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES, LILLING LOWER AND UPPER EYELIDS OCCASIONALLY. GET MEDICAL ATTENTION IMMEDIATELY.

5. FIRE FIGHTING MEASURES

FIRE:

NOT CONSIDERED TO BE A FIRE HAZARD.

EXPLOSION:

NOT CONSIDERED TO BE AN EXPLOSION HAZARD.

FIRE EXTINGUISHING MEDIA:

USE ANY MEANS SUITABLE FOR EXTINGUISHING SURROUNDING FIRE.

SPECIAL INFORMATION:

USE PROTECTIVE CLOTHING AND BREATHING EQUIPMENT APPROPRIATE FOR THE SURROUNDING FIRE.

6. ACCIDENTAL RELEASE MEASURES

VENTILATE AREA OF LEAK OR SPILL. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT AS SPECIFIED IN SECTION 8. SPILLS: PICK UP AND PLACE IN A SUID BLE CONTAINER FOR RECLAMATION OR DISPOSAL, USING A METHOD THAT DOES NOT GENERATE DUST. US REGULATIONS (CERCLA) REQUIRE REPORTING SPILLS AND RELEASES TO SOIL, WATER AND AIR IN EXCESS OF REPORTABLE QUANTITIES. THE TOLL FREE NUMBER FOR THE US COAST GUARD NATIONAL RESPONSE CENTER IS (800) 424-8802.

7. HANDLING AND STORAGE

KEEP IN A WELL CLOSED CONTAINER STORED UNDER COLD TO WARM CONDITIONS, 2 TO 40 C, (36 TO 104F). PROTECT AGAINST PHYSICAL DAMAGE. ISOLATE FROM INCOMPATIBLE SUBSTANCES. CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN E' FY SINCE THEY RETAIN PRODUCT RESIDUES (DUST, SOLIDS); OBSERVE ALL WAKNINGS AND PRECAUTIONS LISTED FOR THE PRODUCT.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

AIRBORNE EXPOSURE LIMITS: -ACGIH THRESHOLD LIMIT VALUE (TLV): 1 MG/M3 (TWA) SOLUBLE IRON SALT AS FE-

VENTILATION SYSTEM:

A SYSTEM OF LOCAL AND/OR GENERAL EXHAUST IS RECOMMENDED TO KEEP EMPLOYEE EXPOSURES BELOW THE AIRBORNE EXPOSURE LIMITS. LOCAL EXHAUST VENTILATION IS GENERALLY PREFERRED BECAUSE IT CAN CONTROL THE EMISSIONS OF THE CONTAMINANT AT ITS SOURCE, PREVENTING DISPERSION OF IT INTO THE GENERAL WORK AREA. PLEASE REFER TO THE ACGIH DOCUMENT, "INDUSTRIAL VENTILATION, A MANUAL OF RECOMMENDED PRACTICES", MOST RECENT EDITION, FOR DETAILS.

PERSONAL RESPIRATORS (NIOSH APPROVED):

IF THE EXPOSURE LIMIT IS EXCEEDED, A HALF-FACE DUST/MIST RESPIRATOR MAY BE WORN FOR UP TO TEN TIMES THE EXPOSURE LIMIT OR THE MAXIMUM USE CONCENTRATION SPECIFIED BY THE APPROPRIATE REGULATORY AGENCY OR RESPIRATOR SUPPLIER, WHICHEVER IS LOWEST. A FULL-FACE PIECE DUST/MIST RESPIRATOR MAY BE WORN UP TO 50 TIMES THE EXPOSURE LIMIT, OR THE MAXIMUM USE CONCENTRATION SPECIFIED BY THE APPROPRIATE REGULATORY AGENCY, OR RESPIRATOR SUPPLIER, WF HEVER IS LOWEST. FOR EMERGENCIES OR INSTANCES WHERE THE EXPOSURE LEVELS ARE NOT KNOWN, USE A FULL-FACEPIECE POSITIVE-PRESSURE, AIR-SUPPLIED RESPIRATOR. WARNING: AIR-PURIFYING RESPIRATORS DO NOT PROTECT WORKERS IN OXYGEN-DEFICIENT ATMOSPHERES.

SKIN PROTECTION:

WEAR IMPERVIOUS PROTECTIVE CLOTHING, INCLUDING BOOTS, GLOVES, LAB COAT, APRON OR COVERALLS, AS APPROPRIATE, TO PREVENT SKIN CONTACT.

EYE PROTECTION:

USE CHEMICAL SAFETY GOGGLES AND/OR FULL FACE SHIELD WHERE DUSTING OR SPLASHING OF SOLUTIONS IS POSSIBLE. MAINTAIN EYE WASH FOUNTAIN AND QUICK-DRENCH FACILITIES IN WORK AREA.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: WHITE TO SLIGHTLY YELLOW TINGED NOT APPLICABLE.

BOILING POINT:

POWDER.

ODOR: ODORLESS. MELTING POINT: 500C (932F)

SOLUBILITY:

SOLUBLE IN WATER.

VAPOR DENSITY (AIR=1): NO INFORMATION FOUND.

DENSITY:

NO INFORMATION FOUND.

VAPOR PRESSURE (MM HG): NO INFORMATION FOUND.

PH:

NO INFORMATION FOUND.

EVAPORATION RATE (BUAC=1): NO INFORMATION FOUND.

10. STABILITY AND REACTIVITY

STABILITY:

STABLE UNDER ORDINARY CONDITIONS OF USE AND STORAGE.

HAZARDOUS DECOMPOSITION PRODUCTS: BURNING MAY PRODUCE SULFUR OXIDES.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

INCOMPATIBILITIES:

ALKALIS, SOLUBLE CARBONATES, AND OXIDIZING MATERIALS. REACTS IN MOIST AIR TO FORM FERRIC SULFATE.

CONDITIONS TO AVOID: MOISTURE.

11. TOXICOLOGICAL INFORMATION

FERROUS SULFATE HEPTAHYDRATE: ORAL MOUSE LD50: 1520 MG/KG, INVESTIGATED AS A MUTAGEN. FERROUS SULFATE ANHYDROUS: ORAL RAT LD50: 319 MG/KG; INVESTIGATED AS A MUTAGEN, TUMORIGEN, REPRODUCTIVE EFFECTOR.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE:
NO INFORMATION FOUND.

ENVIRONMENTAL TOXICITY: NO INFORMATION FOUND.

13. DISPOSAL CONSIDERATIONS

WHATEVER CANNOT BE SAVED FOR RECOVERY OR RECYCLING SHOULD BE MANAGED IN AN APPROPRIATE AND APPROVED WASTE DISPOSAL FACILITY. PROCESSING, USE OR CONTAMINATION OF THIS PRODUCT MAY CHANGE THE WASTE MANAGEMENT OPTIONS. STATE AND LOCAL DISPOSAL REGULATIONS MAY DIFFER FROM FEDERAL DISPOSAL REGULATIONS.

DISPOSE OF CONTAINER AND UNUSED CONTENTS IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REQUIREMENTS.

14. TRANSPORT INFORMATION

NON BULK NOT REGULATED.

BULK SHIPPING NAME: ENVIRONMENTALLY HAZARDOUS SUBSTNCES, SOLID, N.O.S. CLASS: 9 UN NUMBER: UN3077 PACKING GROUP: III R 1000 LBS 15. REGULATORY INFORMATION -----/CHEMICAL INVENTORY STATUS - PART 1/--------TSCA EC JAPAN AUSTRALIA INGREDIENT ---YES YES YES YES FERROUS SULFATE (7720-78-7) ----/CHEMICAL INVENTORY STATUS - PART 2/-------CANADA--KOREA DSL NDSL PHIL. INGREDIENT ____ ____ YES YES NO YES FERROUS SULFATE (7720-78-7) ----/FEDERAL, STATE & INTERNATIONAL REGULATIONS - PART 1/------SARA 302- ----SARA 313----INGREDIENT RQ TPQ LIST CHEMICAL CATG ----NO NO NO FERROUS SULFATE (7720-78-7) -----/FEDERAL, STATE & INTERNATIONAL REGULATIONS - PART 2/-------RCRA- -TSCA-CERCLA 261.33 8(D) 1000 NO NO INGREDIENT FLAROUS SULFATE (7720-78-7) CHEMICAL WEAPONS CONVENTION: NO TSCA 12(B): NO CDTA: NO SARA 311/312: ACUTE: YES CHRONIC: YES FIRE: NO PRESSURE: NO REACTIVITY: NO (MIXTURE / SOLID) AUSTRALIAN HAZCHEM CODE: NONE ALLOCATED. POISON SCHEDULE: NONE ALLOCATED. THIS MSDS HAS BEEN PREPARED ACCORDING TO THE HAZARD CRITERIA OF THE CONTROLLED PRODUCTS REGULATIONS (CPR) AND THE MSDS CONTAINS ALL OF THE INFORMATION REQUIRED BY THE CPR. 16. OTHER INFORMATION NFPA RATINGS: HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0

CONTACT: MSDS COORDINATOR UNIVAR USA INC.

DURING BUSINESS HOURS, PACIFIC TIME (425)889-3400

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ALL EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A

PARTICULAR PURPOSE, WITH RESPECT TO THE PRODUCT OR INFORMATION PROVIDED HEREIN,

AND SHALL UNDER NO CIRCUMSTANCES BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

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* * * E N D O F M S D S * * *

When engineering and/or administrative controls are insufficient to maintain workplace concentrations within the 0.5 f/cc REG, the use of appropriate respiratory protection, pursuant to the requirements of OSHA Standards 29 CFR 1910.134 and 29 CFR 1926.103, is recommended. The following information is provided as an example of appropriate respiratory protection for aluminosilicate fibers. The evaluation of workplace hazards and the identification of appropriate respiratory protection is best performed, on a case by case basis, by a qualified industrial Hygienist.

	Y PROTECTION RECOMMENDATIONS NG RCF PRODUCTS
Respirable Airborne Fiber Concentration (levels are 8-hr. time-weighted averages)	Respirator Recommendation
Not yet determined but expected to be below 5.0 f/cc based on operation	Half-face, air purifying respirator equipped with a NIOSH certified P100 particulate filter cartridge
"Reliably" less than 0.5 t/cc	Optional
0.5 f/cc to 5.0 f/cc	Half-face, air purifying respirator equipped with a NIOSH certified P100 particulate filter cartridge
5.0 Vcc to 25 Vcc	Full-facepiece, air purifying respirator equipped with a NIOSH certified P100 particulate filter cartridge or PAPR
Greater than 25 f/cc	PAPR with tight-fitting full facepiece or a supplied air respirator in continuous flow mode
When individual workers request respiratory protection a matter of personal comfort or choice where exposure are "reliably" below 0.5 f/cc	

¹The P100 recommendation is a conservative default choice; in some case, solid arguments can be made that other respirator types (e.g., N95, R99, etc.) may be suitable for some tasks or work environments. The P100 recommendation is not designed to limit informed choices, provided that respiratory protection decisions comply with 29 CFR 1910.134.

Other Information:

- Concentrations based upon an eight-hour time weighted average (TWA) as determined by air samples
 collected and analyzed pursuant to NIOSH method 7400 (B) for airborne fibers.
- The manufacturer recommends the use of a full-facepiece air purifying respirator equipped with an appropriate
 particulate filter cartridge during furnace tear-out events and the removal of used RCF to control exposures to
 airborne fiber and the potential presence of crystalline silica. If exposure levels are known, the respiratory
 protection chart provided above may be applied.
- Potential exposure to other airborne contaminants should be evaluated by a qualified industrial Hygienist for the selection of appropriate respiratory protection and air monitoring.

Skin Protection:

Wear gloves, head coverings and full body clothing as necessary to prevent skin irritation. Washable or disposable clothing may be used. If possible, do not take unwashed clothing home. If solled work clothing must be taken home, employers should ensure employees are thoroughly trained on the best practices to minimize or avoid non-work dust exposure (e.g., vacuum clothes before leaving the work area, wash work clothing separately, rinse washer before washing other household clothes, etc.).

Eye Protection:

Wear safety glasses with side shields or other forms of eye protection in compliance with appropriate OSHA standards to prevent eye irritation. The use of contact lenses is not recommended, unless used in conjunction with appropriate eye protection. Do not touch eyes with soiled body parts or materials. If possible, have eye-washing facilities readily available where eye irritation can occur.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR AND APPEARANCE:

White, odorless, fibrous material

CHEMICAL FAMILY:

Vitreous Aluminositicate Fibers

BOILING POINT:

Not Applicable

WATER SOLUBILITY (%):

Not Soluble in Water 1760° C (3200° F)

MELTING POINT: SPECIFIC GRAVITY:

2.50 - 2.75

VAPOR PRESSURE:

Not Applicable

pH:

Not Applicable

VAPOR DENSITY (Air = 1):

Not Applicable

% VOLATILE: MOLECULAR FORMULA:

Not Applicable Not Applicable

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY:

Stable under conditions of normal use.

INCOMPATIBILITY:

Soluble in hydrofluoric acid, phosphoric acid, and concentrated

aikali.

CONDITIONS TO AVOID:

None,

HAZARDOUS DECOMPOSITION PRODUCTS:

None.

HAZARDOUS POLYMERIZATION:

Not Applicable.

11. TOXICOLOGICAL INFORMATION

HEALTH DATA SUMMARY

Epidemiological studies of RCF production workers have indicated no increased incidence of respiratory disease nor other significant health effects. In animal studies, long-term, high-dose inhalation exposure resulted in the development of respiratory disease in rats and hamsters.

EPIDEMIOLOGY

The University of Cincinnati is conducting an ongoing epidemiologic investigation. The evidence obtained from employees in U. S. RCF manufacturing facilities is as follows:

1) There is no evidence of any fibrotic lung disease (interstitial fibrosis) from evaluations of chest X-rays.

- 2) There is no evidence of an elevated incidence of lung disease among RCF manufacturing employees.
- 3) In early studies, an apparent statistical "trend" was observed, in the exposed population, between RCF exposure duration and some measures of lung function. The observations were clinically insignificant. If these observations were made on an individual employee, the results would be interpreted as being within the normal (predicted) respiratory range. A more recent longitudinal study of employees with 5 or more pulmonary function tests found that there was no effect on lung function associated with RCF production experience. Initial data (circa 1987) seemed to indicate an interactive effect between smoking and RCF exposure; more recent data, however, found no interactive effect. Nevertheless, to promote good health, RCF employees are still actively encouraged not to smoke.
- 4) Pleural plaques (thickening along the chest wall) have been observed in a small number of RCF employees. Some studies appear to show a relationship between the occurence of pleural plaques on chest radiographs and the following variables: (a) years since RCF production hire date; (b) duration of RCF production employment; and (c) cumulative RCF exposure. The best evidence to date indicates that pleural plaques are a marker of exposure only. Pleural plaques are not associated with pulmonary impairment. The pathogenesis of pleural plaques remains incompletely understood; however, the mechanism appears to be an inflammatory response caused by inhaled fibers.

TOXICOLOGY

A number of toxicological studies designed to identify any potential health effects from RCF exposure have been completed. In one study, conducted by the Research and Consulting Company, (Geneva, Switzerland), rate and hamsters were exposed to 30 mg/m² (about 200 fibers/cc) of specially-prepared RCF for 6 hours/day, 5 days/week, for up to 24 months. In rate, a statistically significant increase in lung tumors was observed; two mesothellomas (cancer of the pleural lining between the chest wall and lung) were also identified. Hamsters did not develop lung tumors; however, interstitial fibrosis and mesothelloma was found. Some, in the scientific community, have concluded that the "maximum tolerated dose" was exceeded and that significant particle contamination was a confounding issue; therefore, these study findings may not represent an accurate assessment of the potential for RCF to produce adverse health effects.

In a related multi-dose study with a similar protocol, other rats were exposed to doses of 16 mg/m², 9 mg/m², 3 mg/m² which corresponds to about 115, 75, and 25 fibers per cubic centimeter respectively. This study found no statistically significant increase in lung cancer. Some cases of pleural and parenchymal fibrosis were seen in the 16 mg/m² dose group. Some cases of mild fibrosis and one mesothelioma were observed in the 9 mg/m² group. No acute respiratory effects were seen in the rats in the 3 mg/m² exposure group, which suggests that there may be a dose/response threshold, below which irreversible respiratory impacts do not occur.

Other toxicological studies have been conducted which utilized non-physiological exposure methods such as intrapleural, intraperitoneal and intratracheal implantation or injection. Some of these studies have found that RCF is a potential carcinogen. Some experts, however, suggest that these tests have limited relevance because they bypass many of the biological mechanisms that prevent fiber deposition or facilitate fiber clearance.

To obtain more epidemiology or toxicology information, please call the toll free telephone number for the Unifrax Corporation Product Stewardship Program found in Section 16 - Other Information.

12. ECOLOGICAL INFORMATION No ecological concerns have been identified.

13. DISPOSAL CONSIDERATIONS

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WASTE MANAGEMENT

To prevent waste materials from becoming airborne during waste storage, transportation and disposal, a covered container or plastic bagging is recommended.

DISPOSAL

RCF, as manufactured, is not classified as a hazardous waste according to Federal regulations (40 CFR 261). Any processing, use, atteration or chemical additions to the product, as purchased, may after the disposal requirements. Under Federal regulations, it is the waste generator's responsibility to properly characterize a waste material, to determine if it is a "hazardous" waste. Check local, regional, state or provincial regulations to identify all applicable disposal requirements.

This product is manufactured with zirconium compounds which may contain trace quantities (<500ppm) of naturally occurring radioactive material (NORM) consisting of uranium, thorium, and/or radium. The quantity of radioactive materials in the zirconium compounds is below the regulatory level of 0.05% established by the Nuclear Regulatory Commission (NRC). Check your local, regional and state or provincial regulations for specific applicable handling and disposal requirements.

14. TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (DOT)

Hazard Class:

Not Regulated

United Nations (UN) Number:

Not Applicable

Labels:

Not Applicable

North America (NA) Number:

Not Applicable

Placards:

Not Applicable

Bill of Lading:

Product Name

INTERNATIONAL

Canadian TDG Hazard Class & PIN: Not regulated Not classified as dangerous goods under ADR (road), RID (train) or IMDG (ship).

15. REGULATORY INFORMATION

UNITED STATES REGULATIONS

EPA:

Superfund Amendments and Reauthorization Act (SARA) Title III - This product does not contain any substances reportable under Sections 302, 304, 313, (40 CFR 372). Sections

311 and 312 (40 CFR 370) apply (delayed hazard).

Toxic Substances Control Act (TSCA) - All substances in this product are listed, as required, on the TSCA inventory. RCF has been assigned a CAS number; however, it is a simple mixture and therefore not required to be listed on the TSCA inventory. The

components of RCF are listed on the inventory.

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and the Clean Air Act (CAA) - RCF contains fibers with an average diameter greater than one micron and thus is not considered a hazardous air pollutant.

OSHA:

Comply with Hazard Communication Standards 29 CFR 1910.1200 and 29 CFR 1926.59 and the Respiratory Protection Standards 29 CFR 1910.134 and 29 CFR 1926,103.

California:

Ceramic fibers (airborne particles of respirable size)" is listed in Proposition 65, The Safe

Drinking Water and Toxic Enforcement Act of 1986 as a chemical known to the State of

California to cause cancer.

Other States: RCF products are not known to be regulated by states other than California; however, state

and local OSHA and EPA regulations may apply to these products. If in doubt, contact your local regulatory agency.

INTERNATIONAL REGULATIONS

Canada;

Canadian Workplace Hazardous Materials Information System (WHMIS) - RCF is

classified as Class D2A - Materials Causing Other Toxic Effects

Canadian Environmental Protection Act (CEPA) - All substances in this product are listed,

as required, on the Domestic Substance List (DSL)

European Union: European Directive 97/69/EC classified RCF as a Category 2 carcinogen; that is it "should be regarded as if it is carcinogenic to man."

16. OTHER INFORMATION

RCF DEVITRIFICATION

As produced, all RCF fibers are vitreous (glassy) materials which do not contain crystalline silica. Continued exposure to elevated temperatures may cause these fibers to devitrify (become crystalline). The first crystalline formation (mullite) begins to occur at approximately 985° C (1805° F). Crystalline silica (cristobalite) formation may begin at temperatures of approximately 1200° C (2192° F). The occurrence and extent of crystalline phase formation is dependent on the duration and temperature of exposure, fiber chemistry and/or the presence of fluding agents. The presence of crystalline phases can be confirmed only through laboratory analysis of the "hot face" fiber.

IARC's evaluation of crystalline silica states "Crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group 1)" and additionally notes "carcinogenicity in humans was not detected in all industrial circumstances studied" (IARC Monograph Vol. 68, 1997). NTP lists all polymorphs of crystalline silica amongst substances which may "reasonably be anticipated to be carcinogens".

IARC and NTP did not evaluate after-service RCF, which may contain various crystalline phases. However, an analysis of after-service RCF samples obtained pursuant to an exposure monitoring agreement with the USEPA, found that in the furnace conditions sampled, most did not contain detectable levels of crystalline silica. Other relevant RCF studies found that (1) simulated after-service RCF showed little, or no, activity where exposure was by inhalation or by intraperitoneal injection; and (2) after-service RCF was not cytotoxic to macrophage-like cells at concentrations up to 320 g/cm² - by comparison, pure quartz or cristobelite were significantly active at much lower levels (circa 20 g/cm²).

RCF AFTER-SERVICE REMOVAL

Respiratory protection should be provided in compliance with OSHA standards. During removal operations, a full face respirator is recommended to reduce initiation exposure along with eye and respiratory tract irritation. A specific evaluation of workplace hazards and the identification of appropriate respiratory protection is best performed, on a case by case basis, by a qualified industrial hygiene professional.

PRODUCT STEWARDSHIP PROGRAM

The Unifrax Corporation has established a program to provide customers with up-to-date information regarding the proper use and handling of refractory ceramic fiber. In addition, Unifrax Corporation has also established a program to monitor airborne fiber concentrations at customer facilities. If you would like more information about this program, please call the Unifrax Corporation Product Stewardship Information Hotline at 1-800-322-2293.

On February 11, 2002, the Refractory Ceramic Fibers Coalition (RCFC) and the U.S. Occupational Safety and Health Administration (OSHA) introduced a voluntary worker protection program entitled PSP 2002, a comprehensive, multi-faceted risk management program designed to control and reduce workplace exposures to refractory ceramic fiber (RCF). Unifrax Corporation, as a member of RCFC, is participating in this highly acclaimed product stewardship program. For more information regarding PSP 2002, please call the Unifrax Corporation's Product Stewardship Information Hottine at 1-800-322-2293 or refer to the RCFC web site: http://www.rcfc.net.

DEFINITIONS

ACGIH: American Conference of Governmental Industrial Hygienists

ADR: Carriage of Dangerous Goods by Road (International Regulation)

AZ9: Alumino-zirconia-silicate

CAA: Clean Air Act

CAS: Chemical Abstracts Service

CERCLA: Comprehensive Environmental Response, Compensation and Liability Act

DSL: Domestic Substances List
EPA: Environmental Protection Agency

EU: European Union

f/cc: Fibers per cubic centimeter
HEPA: High Efficiency Particulate Air

HM18: Hazardous Materials Identification System
IARC: International Agency for Research on Cancer
IATA: International Air Transport Association
IMDG: International Maritime Dangerous Goods Code

mg/m³: Milligrams per cubic meter of air mmpcf: Million particles per cubic meter NFPA: National Fire Protection Association

NIOSH: National Institute for Occupational Safety and Health Occupational Safety and Health Administration

29 CFR 1910.134 & 1926.103:

29 CFR 1910.1200 & 1926.59:

PEL:

Permissible Exposure Limit (OSHA)

Product Identification Number

PNOC:

PARTICULATES Not Otherwise Classified

PARTICULATES Not Otherwise Regulated

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PSP: Product Stewardship Program
RCFC: Refractory Ceramic Fibers Coalition
RCRA: Resource Conservation and Recovery Act
REG: Recommended Exposure Guideline (RCFC)
REL: Recommended Exposure Limit (NIOSH)

RID: Carriage of Dangerous Goods by Rall (International Regulations)

SARA: Superfund Amendments and Reauthorization Act

SARA Title III: Emergency Planning and Community Right to Know Act

SARA Section 302: Extremely Hazardous Substances

SARA Section 304: Emergency Release

SARA Section 311: MSDS/List of Chemicals and Hazardous Inventory

SARA Section 312: Emergency and Hazardous Inventory
SARA Section 313: Toxic Chemicals and Release Reporting

STEL: Short Term Exposure Limit's SVF: Synthetic Vitreous Fiber

TDG: Transportation of Dangerous Goods
TLV: Threshold Limit Value (ACGIH)
TSCA: Toxic Substances Control Act
TWA: Time Weighted Average

WHMIS: Workplace Hazardous Materials Information System (Canada)

Revision Summary: Section 3: IARC update, Section 8: Respiratory Protection table expanded, Section 11:

Minor changes, Section 16: Added PSP2002 information.

MSDS Prepared By: UNIFRAX RISK MANAGEMENT DEPARTMENT

005 09/29/05 AMMONIUM CHLORIDE

PRODUCT NAME:

AMMONIUM CHLORIDE

MSDS NUMBER:

MZA5724

DATE ISSUED:

9/29/2005

SUPERSEDES:

8/18/2004

ISSUED BY:

008614

AMMONIUM CHLORIDE

1. PRODUCT IDENTIFICATION

SYNONYMS:

SAL AMMONIAC; AMMONIUM MURIATE

CAS NO:

12125-02-9

MOLECULAR WEIGHT: 53.49

CHEMICAL FORMULA: NH4CL

Distributed by: Univar USA Inc.

17425 NE Union Hill Road

Redmond, WA 98052

425-889-5000

2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT

CAS NO PERCENT

HAZARDOUA

AMMONIUM CHLORIDE

------12125-02-9

99 - 100%

YES

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING! CAUSES IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT. HARMFUL IF SWALLOWED OR INHALED.

POTENTIAL HEALTH EFFECTS

INHALATION:

CAUSES IRRITATION TO THE RESPIRATORY TRACT. SYMPTOMS MAY INCLUDE COUGHING, SHORTNESS OF BREATH.

INGESTION:

CAUSES IRRITATION TO THE GASTROINTESTINAL TRACT. SYMPTOMS MAY INCLUDE NAUSEA, VOMITING AND DIARRHEA.

SKI" CONTACT:

CAU .S IRRITATION TO SKIN. SYMPTOMS INCLUDE REDNESS, ITCHING, AND PAIN.

EYE CONTACT:

CAUSES IRRITATION, REDNESS, AND PAIN.

CHRONIC EXPOSURE:

NO INFORMATION FOUND.

AGGRAVATION OF PRE-EXISTING CONDITIONS: NO INFORMATION FOUND.

4 FIRST AID MEASURES

INHALATION:

REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION.

INGESTION:

INDUCE VOMITING IMMEDIATELY AS DIRECTED BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION.

SKIN CONTACT:

IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES. GET MEDICAL ATTENTION. WASH CLOTHING BEFORE REUSE. THOROUGHLY CLEAN SHOES BEFORE REUSE.

EYE CONTACT:

IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES, LIFTING UPPER AND LOWER EYELIDS OCCASIONALLY. GET MEDICAL ATTENTION.

5. FIRE FIGHTING MEASURES

FIRE:

NOT CONSIDERED TO BE A FIRE HAZARD.

AT FIRE TEMPERATURES AMMONIUM CHLORIDE BEGINS TO CORRODE METALS AND MAY DI OCIATE INTO AMMONIA AND HYDROGEN CHLORIDE. MIXTURES OF ABOUT 16% TO 25% (BY VOLUME) AMMONIA GAS IN AIR ARE FLAMMABLE.

EXPLOSION:

NOT CONSIDERED TO BE AN EXPLOSION HAZARD.

FIRE EXTINGUISHING MEDIA:

USE ANY MEANS SUITABLE FOR EXTINGUISHING SURROUNDING FIRE. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.

SPECIAL INFORMATION:

IN THE EVENT OF A FIRE, WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE.

6. ACCIDENTAL RELEASE MEASURES

VENTILATE AREA OF LEAK OR SPILL. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT AS SPECIFIED IN SECTION 8. SPILLS: SWEEP UP AND CONTAINERIZE FOR RECLAMATION OR DISPOSAL. VACUUMING OR WET SWEEPING MAY BE USED TO AVOID DUST DISPERSAL. US REGULATIONS (CERCLA) REQUIRE REPORTING SPILLS AND RELEASES TO SOIL, WATER AND AIR IN EXCESS OF REPORTABLE QUANTITIES. THE TOLL FREE NUMBER FOR THE US COAST GUARD NATIONAL RESPONSE CENTER IS (800) 424-8802.

7. HANDLING AND STORAGE

KEEP IN A TIGHTLY CLOSED CONTAINER. PROTECT FROM PHYSICAL DAMAGE. STORE IN A COOL, DRY, VENTILATED AREA AWAY FROM SOURCES OF HEAT, MOISTURE AND INCOMPATIBILITIES. CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTY

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Alrborne exposure limits:

AMMONIUM CHLORIDE:

-ACGIH THRESHOLD LIMIT VALUE (TLV): 10 MG/M3 (TWA); 20 MG/M3 (STEL) FUME

VENTILATION SYSTEM:

A SYSTEM OF LOCAL AND/OR GENERAL EXHAUST IS RECOMMENDED TO KEEP EMPLOYEE EXPOSURES BELOW THE AIRBORNE EXPOSURE LIMITS. LOCAL EXHAUST VENTILATION IS GENERALLY PREFERRED BECAUSE IT CAN CONTROL THE EMISSIONS OF THE CONTAMINANT AT ITS SOURCE, PREVENTING DISPERSION OF IT INTO THE GENERAL WORK AREA. PLEASE REFER TO THE ACGIH DOCUMENT, "INDUSTRIAL VENTILATION, A MANUAL OF RECOMMENDED PRACTICES", MOST RECENT EDITION, FOR DETAILS.

PERSONAL RESPIRATORS (NIOSH APPROVED):

IF THE EXPOSURE LIMIT IS EXCEEDED AND ENGINEERING CONTROLS ARE NOT FEASIBLE, A HALF FACEPIECE PARTICULATE RESPIRATOR (NIOSH TYPE N95 OR BETTER FILTERS) MAY BE WORN FOR UP TO TEN TIMES THE EXPOSURE LIMIT OR THE MAXIMUM USE CONCENTRATION SPECIFIED BY THE APPROPRIATE REGULATORY AGENCY OR RESPIRATOR SUPPLIER, WHICHEVER IS LOWEST.. A FULL-FACE PIECE PARTICULATE RESPIRATOR (NIOSH TYPE N100 FILTERS) MAY BE WORN UP TO 50 TIMES THE EXPOSURE LIMIT, OR THE MAXIMUM USE CONCENTRATION SPECIFIED BY THE APPROPRIATE REGULATORY AGENCY, OR RESPIRATOR SUPPLIER, WHICHEVER IS LOWEST. IF OIL PARTICLES (E.G. LUBRICANTS, CUTTING FLUIDS, GLYCERINE, ETC.) ARE PRESENT, USE A NIOSH TYPE R OR P FILTER. FOR EMERGENCIES OR INSTANCES WHERE THE EXPOSURE LEVELS ARE NOT KNOWN, USE A FULL-FACEPIECE PC TIVE-PRESSURE, AIR-SUPPLIED RESPIRATOR. WARNING: AIR-PURIFYING RESPIRATORS DO NOT PROTECT WORKERS IN OXYGEN-DEFICIENT ATMOSPHERES.

SKIN PROTECTION:

WEAR IMPERVIOUS PROTECTIVE CLOTHING, INCLUDING BOOTS, GLOVES, LAB COAT, APRON OR COVERALLS, AS APPROPRIATE, TO PREVENT SKIN CONTACT.

EYE PROTECTION:

USE CHEMICAL SAFETY GOGGLES AND/OR FULL FACE SHIELD WHERE DUSTING OR SPLASHING OF SOLUTIONS IS POSSIBLE. MAINTAIN EYE WASH FOUNTAIN AND QUICK-DRENCH FACILITIES IN WORK AREA.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

WHITE POWDER.

ODOR:

ODORLESS.

SOLUBILITY: 29.7G/100G WATER @ OC (32F)

1.5°

SPECIFIC GRAVITY:

5.5 (1% AQ.SOL.); 5.1 (3% AQ.SOL.); 5.0 (10% AQ.SOL.)

VAPOR PRESSURE (MM HG):

338C (640F) SUBLIMES.

VAPOR DENSITY (AIR=1):

1.0 @ 160C (320F)

BOILING POINT:

MELTING POINT:

520C (968F)

EVAPORATION RATE (BUAC=1): NO INFORMATION FOUND.

% VOLATILES BY VOLUME @ 21C (70F):

10. STABILITY AND REACTIVITY STABILITY: HAZARDOUS DECOMPOSITION PRODUCTS: INVOLVEMENT IN A FIRE CAUSES DECOMPOSITION TO FORM HYDROGEN CHLORIDE AND AMMONIA. HAZARDOUS POLYMERIZATION: WILL NOT OCCUR. INCOMPATIBILITIES: CONCENTRATED ACIDS, STRONG BASES, SILVER SALTS, POTASSIUM CHLORATE, AMMONIUM NITRATE, BROMINE TRIFLUORIDE AND IODINE HEPTAFLUORIDE. AMMONIUM CHLORIDE REACTS EXPLOSIVELY WITH POTASSIUM CHLORATE OR BROMINE TRIFLUORIDE, AND VIOLENTLY WITH BROMIDE PENTAFLUORIDE, AMMONIUM COMPOUNDS, NITRATES, AND IODINE HEPTAFLUORIDE. EXPLOSIVE NITROGEN TRICHLORIDE MAY RESULT FROM REACTION OF AMMONIUM CHLORIDE AND HYDROGEN CYANIDE. CONDITIONS TO AVOID: HEAT, MOISTURE, INCOMPATIBLES. 11. TOXICOLOGICAL INFORMATION ORAL RAT LD50 : 1650 MG/KG INVESTIGATED AS A MUTAGEN. -- ---/CANCER LISTS/---------NTP CARCINOGEN---KNOWN ANTICIPATED IARC CATEGORY INGREDIENT ____ AMMONIUM CHLORIDE (12125-02-9) NO NO 12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE:

NO INFORMATION FOUND.

ENVIRONMENTAL TOXICITY:

NO INFORMATION FOUND.

13. DISPOSAL CONSIDERATIONS

WHATEVER CANNOT BE SAVED FOR RECOVERY OR RECYCLING SHOULD BE MANAGED IN AN APPROPRIATE AND APPROVED WASTE DISPOSAL FACILITY. PROCESSING, USE OR CONTAMINATION OF THIS PRODUCT MAY CHANGE THE WASTE MANAGEMENT OPTIONS. STATE AND LOCAL DISPOSAL REGULATIONS MAY DIFFER FROM FEDERAL DISPOSAL REGULATIONS.

DISTOSE OF CONTAINER AND UNUSED CONTENTS IN ACCORDANCE WITH FEDERAL, STATE AN. LOCAL REQUIREMENTS.

14. TRANSPORT INFORMATION

NOT REGULATED.

/CHEMICAL INVENTORY STATUS - PART					
REDIENT		TSCA	EC	JAPAN	AUSTRALIA
MMONIUM CHLORIDE (12125-02-9)		YES	YES	YES	YES
/CHEMICAL INVENTORY STATUS - PART	2/			 NADA	
NGREDIENT		KOREA			
MMONIUM CHLORIDE (12125-02-9)		YES	YES	NO	YES
/FEDERAL, STATE & INTERNATIONAL RE	GULATIO	ONS - P	ART 1/		
NGREDIENT	-SARA RQ	302- TPQ	LIST	SARA CHEM	ICAL CATG
MMONIUM CHLORIDE (12125-02-9)					
/FEDERAL, STATE & INTERNATIONAL R	EGULAT 1				
NGREDIENT	CERCI			-T	
MMONIUM CHLORIDE (12125-02-9)				_	_
" 'RALIAN HAZCHEM CODE: NONE ALLOCATED. OLSON SCHEDULE: NONE ALLOCATED.					
HMIS: THIS MSDS HAS BEEN PREPARED ACCO HE CONTROLLED PRODUCTS REGULATIONS (CPR) LL OF THE INFORMATION REQUIRED BY THE CP	AND TE	ie msds	CONTA	INS	
HMIS: THIS MSDS HAS BEEN PREPARED ACCO HE CONTROLLED PRODUCTS REGULATIONS (CPR) LL OF THE INFORMATION REQUIRED BY THE CP	AND TE	ie msds	CONTA	INS	
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PRODUCT SPECIFICATION SHEET AND/OR A CERTIFICATE OF ANALYSIS. THESE CAN BE OBTAINED FROM YOUR LOCAL UNIVAR SALES OFFICE.

ALL INFORMATION APPEARING HEREIN IS BASED UPON DATA OBTAINED FROM THE MANUFACTURER AND/OR RECOGNIZED TECHNICAL SOURCES. WHILE THE INFORMATION IS INTEREST. INFORMATION IS INTEREST. INFORMATION OR SUFFICIENCY. CONDITIONS OF USE ARE BEYOND UNIVARS CONTROL AND THEREFORE USERS ARE RESPONSIBLE TO VERIFY THIS DATA UNDER THEIR OWN OPERATING CONDITIONS TO DETERMINE WHETHER THE PRODUCT IS SUITABLE FOR THEIR PARTICULAR PURPOSES AND THEY ASSUME ALL RISKS OF THEIR USE, HANDLING, AND DISPOSAL OF THE PRODUCT, OR FROM THE PUBLICATION OR USE OF, OR RELIANCE UPON, INFORMATION CONTAINED HEREIN. THIS INFORMATION RELATES ONLY TO THE PRODUCT DESIGNATED HEREIN, AND DOES NOT RELATE TO ITS USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY OTHER PROCESS.

* * * END OF MSDS * * *

MATERIAL SAFETY ATOTECH USA INC. EMERGENCY TELEPHONE
DATA SHEET 1750 OVERVIEW DRIVE NUMBER
P.O. BOX 12000 8:00 am - 5:00 pm
ROCK HILL, S.C. 29731-2000 (803) 817-3500

CHEMTREC - 24 HOURS 1-800-424-9300

(b) (4)	

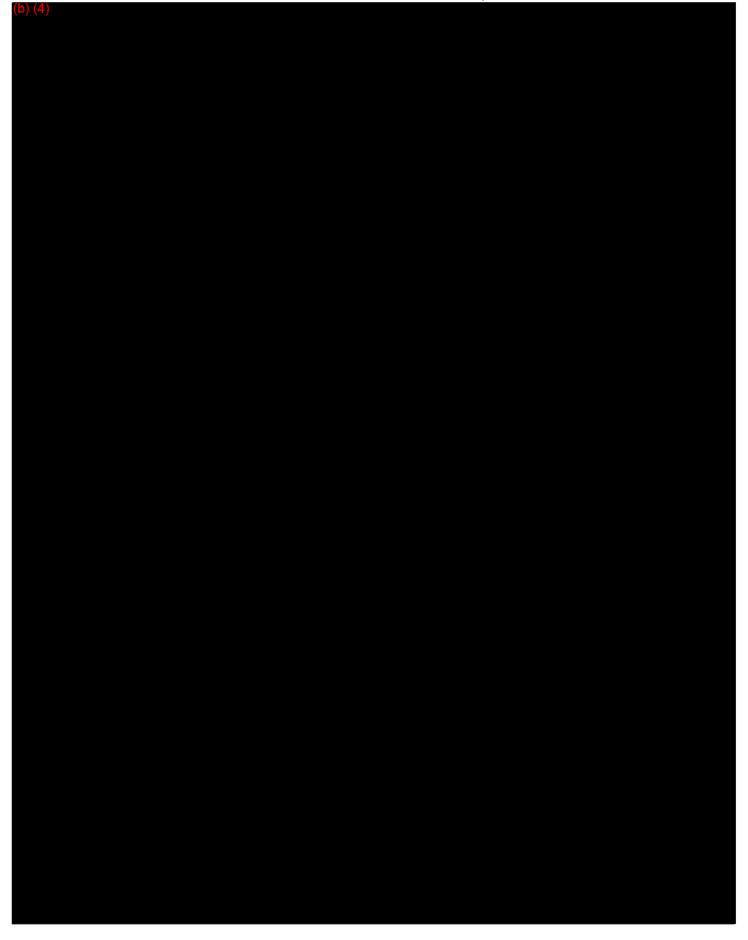
ATOTECH USA INC. ROCK HILL, S.C. 29731-2000

ATOTECH USA INC. ROCK HILL, S.C. 29731-2000

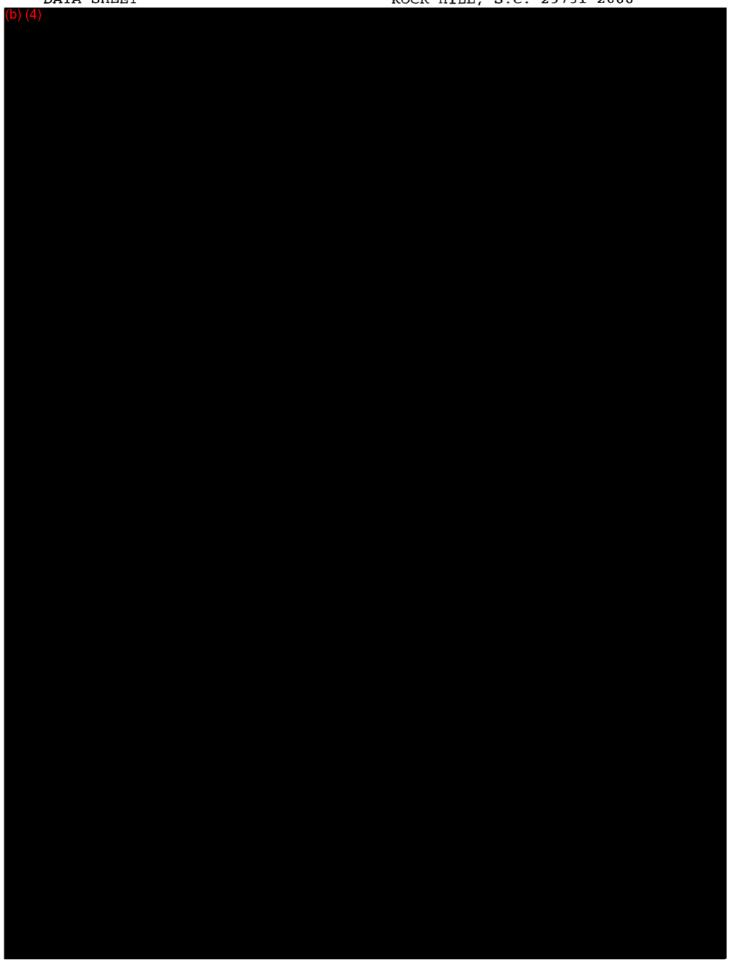
(b) (4)			



ATOTECH USA INC. ROCK HILL, S.C. 29731-2000



ATOTECH USA INC. ROCK HILL, S.C. 29731-2000



ATOTECH USA INC. ROCK HILL, S.C. 29731-2000

(b) (4)	



4904 Griggs Road Houston TX 77021 Tel. (713) 676-1460 Fax. (713) 676-1460

Waste Pre-Acceptance/Approval Letter

Date 6/3/2009

Dear Lee Pinson

Thank you for choosing CES Environmental Services, Inc. for you waste disposal and/or recycling needs. The following waste stream has been approved at our facility in Houston, TX. If the waste received does not conform to the profile, then rejection or additional charges may apply.

CES Profile # PA-3356

Expiration Date 6/3/2011

Generator: Cameron Compression Systems

Address: 600 South First Street

Ponca City, OK 74604

Waste Information

Name of Waste: Copper sulfate solution

TCEQ Waste Code #: product

Container Type:

Detailed Description of Process Generating Waste:

used acidic plating "this product is NOT waste, it is being used for it's intended purpose

Color: blue

Odor: mild

pH: <1

Physical State:

Incompatibilities: strong bases/caustic Safety Related Data/Special Handling:

standard PPE

If you have any questions concerning this approval and/or the conditions, then please feel free to contact our office at (713) 676-1460.

Thank you,

Matt Bowman, President

CES Environmental Services, Inc.



Pnodut

CES Environmental Services - Houston Facility 4904 Griggs Road, Houston, TX 77021 Phone (713) 676-1460 Fax: (713) 676-1676 U.S. EPA ID Number: TXD008950461 ISWR Number: 30900 TCEQ Industrial Solid Waste Permit Number: 30948				1 1676 ier: 30900	CES Environmental Services - Port Arthur Facility 2420 S. Gulfway Dr., Port Arthur, TX 77641 Phone (713) 676-1460 Fax: (713) 676-1460 U.S. EPA ID Number: TXR000079307 ISWR Number: 88585							
SECTION 1:	Generator I	nformation										
Company:		ompression S	vstems									
Address:	600 South F	CONTRACTOR OF THE PROPERTY OF	1 22.00	·····	ali ang ang ang ang ang ang ang ang ang ang	MITALS IN ME					M. W. Co	***************************************
City:	Ponca City			State:	OK		Zip:	**************************************		einninesitus ülikalusis	A ALEXANDER S	4604
Contact:	J. Moman			zacowanywo	Title:		Env. Mgr.			·····		
Phone Nurr	ber:	(580) 767-8	101		Fax Numbe	er:	(580) 761-052	1		***********		
24/hr Phon	e Number:	(580) 761-0			di iliano		entition in the entitle of the contract of the	the delenge of the second	Property of the same of the same of	SCHARROREN, YORKE SIEGLAND	NO MAJORITE MORTO	No Market House
US EPA ID I	No:		AND THE PROPERTY OF THE PROPER	", p. 1" 								
State ID No):	DD0040		7	SIC Code:	وزهست	AND THE RESERVE OF THE PARTY OF	SCHOOL SECURIOR STORES		Western Services	***************************************	#7 TO BE SEEN THE TO SEE
SECTION 2: Company: Address:	Billing Infor			as Above							anticomas 2	adulas filologica
City:	Hoover	iane rivery., a	GHE TAP 1 IN	State:	AL		Zip:					5244
Contact:	M. Pinson		 		Title:	*****	CFO					1:2 E 'T'T
Phone Nun		(205) 982-7	7799		MANAGEMENT.	26:	(205) 982-060	8		·····		·
Name of W Detailed De	aste: escription of	Copper sulf Process Gene	fate solution	ite:	product being	en en en en en en en en en en en en en e	sed for its inter	idad our	nosa"			
Physical Sta	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Liquid Solid	Bases ABBAR (Tabasas v. P. Profess convenience) en en en	Sludge Filter Cal	ŗ	and the same of th	Powder Combination	overenteren er er er en en en en en en en en en en en en en	dasenten er er en en en en en en en en en en en en en			
Color:	Diue		Company Control of the Control of th	- particular	Odor.		Operation of the control of the cont	ezezan aris akele nastasa	-		,	
Specific Gra	avity (water=	:1):	>1.0	**************************************			Density: <1	0	lbs/gal			
Does this n	naterial conta	ain any total	phenolic co	ompounds?	(1)	Yes	☑ No	•				
Does this n	naterial cont	ain any para	substituted	l phenolic cor	mpounds?		Yes Yes	Z	No			
			•				i1, Subpart FF) cility is one of t	he follow		/es		No
2812	-			819 287		322		2824		2833		2834
2835				842 284		344		2861		2865		2869
2873				879 289		392		2896		2899		2911
3312				511						and of the		க்குக்கீ
Layers:	447	gle-phase		Aulti-phase								
Container 1	Туре: 🗌	Drum	Tote	☑ Truck	Other (exp	lai	n)					
Frequency: Quantity:	: Weekly	√ □ Month	oly 🗌 Yea	orly 🗌 One	-Time							

Is this a USEPA "Hazare if "Yes", then please co	•			Yes	l-manual limited			
If "Yes", Is it: Characteristic for Toxic Characteristic for Toxic		□ 0004 □ 0010		☐ D006] D003 (Reac 5	tive) □ 0008	□ 0009	1
Is this an "F" or "K" tis			?	☐ Yes	w w	No		
Is this a commercial pr 40 CFR 261.33(e) or (f) (f "Yes", then please	?	(Y		"U" or "P" w No	aste code un	der		
Texas State Waste Cod				Produc ids, acidic, ino		(sulfuric aci	d)	Managaga da da da series de series de se ries de series
Class:	8 UN/NA:	UN3262, Co	PG:	II	RQ:	N/A		
Flash Point	p	Н	Reactiv	/e Sulfides	Reactive	Cvanides	So	ids
None	<	1	0	mg/I	0 1	mg/l	<2	%
Oil & Grease	TC)C		Zinc	Сор	per	Nic	kel
0 <u>mg/l</u>	0	mg/i	0	mg/l	>10000	mg/l	0	mg/i
SECTION 4: Physical ar	id Chemical Date							
	OMPONENTS TA				CONCENT	RATOIN		UNITS
The waste co	nsists of the follo		ils		Ranges are a	cceptable		or%
	Copper sulfate	-		15-20				%
	Sulfuric acid		i in an ann an an an an an an an an an an a		20-2			96
	Water				60-6	5		%
Mark Mary of the Control of the Cont								

COMPONENTS TABLE	CONCENTRATOIN	UNITS
The waste consists of the following materials	Ranges are acceptable	or%
Copper sulfate	15-20	%
Sulfuric acid	20-25	%
Water	60-65	%
A COMMISSION OF THE PROPERTY O	A CASA CASA CASA CASA CASA CASA CASA CA	
30 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		

SECTION 5: Safety Rel If the handling of this v Standard PPE	lated Data waste requires the use of special protective equipment, please explain.
	<u>Supporting Documents</u> tes, data and/or analysis attached to this form as part of the waste
approval package.	none
approver percega-	
SECTION 7: Incompati	<u>ibilities</u>
Please list ALL incompa	atibilities (if any):
Strong bases/caustics	
Laboratory analysis of based upon the follow	er's Knowledge Documentation the hazardous waste characteristics, listed below, WAS NOT PERFORMED wing generator knowledge:
TCLP Metals:	none
TCLP Volatiles:	none
TCLP Semi-Volatiles:	none
Reactivity:	none
Corrosivity:	Yes
ignitability:	No
<u>Facilities)</u> Is this mat	terial a wastewater or wastewater sludge? YES VES NO Complete this section.
PLEASE CH	HECK THE APPROPRIATE BOX. IF NO APPROPRIATE CATEGORY, GO TO THE NEXT PAGE.
	ctroplating baths and/or sludges shing rinse water and sludges
Oils Subcategory: Subp	oart B
- 1000	emulsions or mixtures
Lubricants	S
Coolants	
	nated groundwater clean-up from petroleum sources
☐ Oil spill cle	roleum products
☐ Bilge wate	
	sh waters from netroleum sources

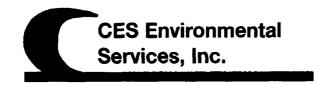
☐ Interceptor wastes ☐ Off-specification fuels ☐ Underground storage remediation waste ☐ Tank clean-out from petroleum or oily sources ☐ Non-contact used glycols ☐ Aqueous and oil mixtures from parts cleaning operations ☐ Wastewater from oil bearing paint washes Organics Subcotegory: Subport C ☐ Landfill leachate
Contaminated groundwater clean-up from non-petroleum sources Solvent-bearing wastes Off-specification organic product Still bottoms Byproduct waste glycol Wastewater from paint washes Wastewater from adhesives and/or epoxies formulation Wastewater from organic chemical product operations Tank clean-out from organic, non-petroleum sources
(1) If the waste contains oil and grease at or in excess of 100 mg/L, the waste should be classified in the oils subcategory.
(2) If the waste contains oil and grease less than 100 mg/L, and has any of the pollutants listed below in concentrations in excess of the values listed below, the waste should be classified in the metals subcategory. Cadmium: 0.2 mg/L Chromium: 8.9 mg/L Copper: 4.9 mg/L Nickel: 37.5 mg/L
(3) If the waste contains oil and grease less than 100 mg/L, and does not have concentrations of cadmium, chromium, copper, or nickel above any of the values listed above, the waste should be classified in the organics subcategory. Metals Subcategory Oils Subcategory Organics Subcategory
SECTION 10 Additional Instructions
If you cannot determine the correct subcategory in Section 9 and you did not furnish data for the concentration of Cadmium, Chromium, Copper, Nickel, and Oil and Grease, CES will send offsite to a commercial laboratory a sample to determine these concentrations. This will be prior to acceptance. The generator will be responsible for the cost of the analysis.
SECTION 11: Generator's Certification The information contained herein is based on generator knowledge and/or analytical data. I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine that no deliberate or willful omissions of composition properties exist and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all materials described by this document.
Authorized Signature: Date: 5/31/09
Printed Name/Title: L. Pinson/President
CES USE ONLY (DO NOT WRITE IN THIS SPACE)
Compliance Officer: Pall Paperoved Rejected Approval Number:



1. Base Pricing (including freight):
\$ 0.30/gal + trans+fsc
2. Contamination Limit (maximum limit before surchages apply):
<0.5% Solids, > 15% acid by tidration
3. Surcharge Pricing:
4. Special Testing Requirements:
Acid Amalysis: pH, S.g., % Hz.sou by titration,
5. Treatment and Handling Protocol:
Place into acid product tank
6. Treated Wastewater Discharge Subcategory:
Subcategory A Subcategory B Subcategory C



	uct Recovered/Recycled (It applicable):	
Sei	a Section 4	
8. Management	for Product Recovered/Recycled (if applicable)	
See	Section 5	
1		



4904 Griggs Road Houston, TX 77021 Tel. (713) 676-1460 Fax. (713) 676-1676

To: Joy Baker

Date: 5/19/09

Cc: Matt Bowman, Clint Hopkins, Prabhaker, Sam Brown

From: Miles Root Lab Memo: 09-093

Subject: Sierra Chemical Evaluations 0509-18 thru 21

Four different samples of waste material from Sierra Chemical (Cameron Compression), have been evaluated for potential processing/use at CES/PACES. These four samples are evaluations 0509-18 thru 21. A summary of each sample follows.

Evaluation 0509-18 is a spent sulfuric acid. The potential volume is one load every two months. This sample has a density of 1.370. An addition of 50% NaOH to neutralize this acid shows it to be just under 50%. These two pieces of data indicate that this acid is around 47% wt% sulfuric acid.

It is clean looking material which springs out crude cresylic acid or liberates hydrogen sulfide from spent caustics. I treated this sample as water just to see how it would process. Of course it requires an excessive amount of caustic for it to be neutralized, but the water produced is good looking with low metals. Since it will add value to our business as an acid we should use it in that capacity. I recommend that we try this acid at PACES in either our cresylic acid or NaSH production process.

Evaluation 0509-19 is some type of spent caustic. The potential volume of this material is one load per quarter. This sample has a density of 1.147, which should equate to 15% caustic. A titration shows this caustic to be 8.8 wt% as NaOH, but it does contain a significant amount of sodium carbonate as well. Its high carbonate content is indicated by the excessive foaming noted during the titration with HCl. Sodium carbonate will not be a part of any reaction for strengthening our NaSH production, and will actually lower the sulfide component. Currently we get no compensation for the carbonates in our NaSH product.

The strength of usable caustic is too low for profitable use at PACES. Metals on the neat sample show very high zinc and chromium. If we can make some good money for taking this material then it needs to go to PACES. We can put it into the NaSH product tank to consume the small amount of hydrogen sulfide that it will do. It will not make us any money on the NaSH sales side so we need to cover our costs up front. I don't see a better option if we really want to take this material.

Evaluation 0509-20 is waste water. The potential volume is three loads per month. This water has a pH of 6 and contains orange/brown silt from its previous use. When treated, it produces an extremely high volume of solids which I estimate to be at least 75% when spun down. Metals and TOC are low, with no phenols. Odor is not an issue. We can treat this water at CES but need to price as though we are going to filter press this entire load, as that may happen.



4904 Griggs Road Houston, TX 77021 Tel. (713) 676-1460 Fax. (713) 676-1676

Evaluation 0509-21 is an unknown cleaning solution. It is called CL 2000 spent acid. The potential volume of this material is four totes per quarter. It has a pH of around 3 but does not act like it has much acid strength left in it. When reacted with sulfidic caustic its reaction causes only a trace quantity of hydrogen sulfide to be released. It also forms an emulsion looking product that will need to be disposed. Odor is not really an issue with this stream.

This material contains a soap or detergent as it foams when shaken, and the foam remains for quite some time afterwards. This material does not really treat. It forms a sludge when mixed with caustic and/or lime that never separates out into anything that can be processed. Metals on the neat sample are extremely high in zinc and chromium.

This is not an acid that will add value to CES or PACES, nor does it respond to waste water treatment. Since it is only four totes per quarter our only logical processing scheme is to bring it into CES and slowly process it over time into our tanks. The volume of sludge that is produced will evenly distribute itself out over thousands of gallons of water. These four totes will all end up in our filter cake box over time. If our pricing will be high enough to cover this considerable amount of extra handling that will be involved and we can make some good money, then this is an option we should seriously consider.

The table below summarizes the analytical data and recommendations on the above samples.

Sierra Chemicals									
	Evaluations 0509-18 thru 21								
	0509-18 0509-19 0509-20 0509-21								
H2SO4, wt%	47								
NaOH, wt%		8.8	" ! !						
Specific Gravity	1.137	1.147	 						
CES Use	No	No	Yes	Yes					
PACES Use	Yes	Yes	No	No					
Odor Issues	None	None	None	None					
Treatability	Use @ PACES	N/A	Difficult	Very Difficult					
Phenols, ppm			0	0					
Metals) 	Treated Sx	Untreated Sx					
Ni		1	0.11	71					
Zn		1	0.022	2.432					
Cu			0.032	0.558					
Cd			0.01	0.146					
Cr		,	0	174					
Recommended?	Yes	Yes	Yes	Yes					



4904 Griggs Road Houston TX 77021 Tel. (713) 676-1460 Fax. (713) 676-1460

Waste Pre-Acceptance/Approval Letter

Date 6/3/2009

Dear Lee Pinson

Thank you for choosing CES Environmental Services, Inc. for you waste disposal and/or recycling needs. The following waste stream has been approved at our facility in Houston, TX. If the waste received does not conform to the profile, then rejection or additional charges may apply.

CES Profile # PA-3357

Expiration Date 6/3/2011

Generator: Cameron Compression Systems

600 South First Street

Ponca City, OK 74604

Waste Information

Name of Waste: Sodium hydroxide solution

TCEQ Waste Code #: Product

Container Type:

Detailed Description of Process Generating Waste:

used plating solution "this material is not a waste, it is product being used for what its intended purpose"

pH: >14

Odor: mild Color: varies

Physical State:

Incompatibilities: strong acids

Safety Related Data/Special Handling:

standard PPE

If you have any questions concerning this approval and/or the conditions, then please feel free to contact our office at (713) 676-1460.

Thank you,

Matt Bowman, President

CES Environmental Services, Inc.



Product

U.S. EPA ID N	4904 Grigg Phone (713) 6 Jumber: TXD0	ntal Services - Ho is Road, Houston, i76-146D - Fax: (7. 08950461 - ISW olid Waste Permit	TX 77021 13) 676-1676 VR Number:	30900		242 Pho	20 S. Gulfwa	y Dr., Port Ar 5-1460 Fax:	ort Arthur Fac thur, TX 7764 (713) 676-14 ISWR Num	1
SECTION 1.	Generator I	nformation								
Company:		ompression Syste	ems							
Address:	600 South F		51145				A	,		COMPANY OF THE PARTY OF THE PAR
City:	Ponca City			State:	OK		Zip:		BOOK BOOK OF THE PROPERTY OF T	74604
Contact:	J. Moman			*	Title:		Env. Mgr.	THE RESERVE OF THE PROPERTY OF		***************************************
Phone Nun	ıber:	(580) 767-810:	l.	*************************************	Fax Num	ber:	(580) 761-	Q 521	78 4 9 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
24/hr Phon	e Number:	(580) 761-0699)	COMPANY OF THE PROPERTY OF THE	NON.			**************************************	**************************************	***************************************
US EPA ID N	Vo:			(*************************************	***					
State ID No	F :	DD0040			SIC Code	:	Park Marie VIII - Marie Andrew Stevenson -		***************************************	***************************************
SECTION 2: Company: Address:	Billing Infor Sierra Chen 4524 South		Same as a				ANDREW STORES - A SECURITA DE MILIO A DISTRICA DE SECURITA DE SECURITA DE SECURITA DE SECURITA DE SECURITA DE	Maria de la constitución de la c		
City:	Hoover	Marce Mary 17 Diame	3 07 17 17 105 06	State:	AL		Zip:			35244
Contact:	M. Pinson			-	Title:		CFO	(1)) Maria Maria Maria		ASSESSED TO THE PARTY OF THE PA
Phone Nun	nber:	(205) 982-7799	9		Fax Nun	nber:	(205) 982-	0608		MANAGEM CONTROL MANAGEMENT AND AND AND AND AND AND AND AND AND AND
Used platin	g solution "T ate:	Sodium hydrox Process Generat his material is no Liquid Solid	ing Waste:		e	sed fo	Powder Combinati			
Color:	Varies		THE STATE OF THE S	**	Odor:		Mild			
•	avity (water=	1): ain any total phe	>1.0 anolic comp	ounds?	Process &	Yes	Density:	<10 No	lbs/gal	
Does this n	naterial cont	ain any para sub	stituted ph	enolic com	pounds?			Yes 🖸	No	
		t he benzene wa ste contains ben				our fa	cility is one		-	☑ No
2812			2819			2822				
2835			2842			2844				
287			2879		1	2892	2893	2896	2899	9 2911
3317	2 495	3 4959	9511							
Layers:	☑ Sin	gle-phase	☐ Mult	i-phase						
Container 1	Туре:	Drum 🗌	Tote 🗵	Truck	Other (e	xplaiı	n)			
	: Weekly	y Monthly	☐ Yearly	☐ One-	Time					

	PA "Hazardo: ien please com				Yes	\$uatura	No ached hereto		
	s it: [] tic for Toxic M tic for Toxic O	etals:	□ D010	□D005 □D011	□ D 00€] D003 (Rea 5 🔲 D007		□ D 000	9
	" or "K" Listed then please lis			?	☐ Yes	; <u>[</u> 7	No No		
40 CFR 261	nmercial prod .33(e) or (f)? then please lis	-	☐ Ye	*	"U" or "P" w No	aste code u	nder		
	Waste Code I		UN3263, Co	•	$\frac{1}{1000000000000000000000000000000000$. (sodium hvo	Iroxide)	
Class:	8	UN/NA:	UN3263, Co		11	RQ:			
Flasi	n Point	p	Н	Reactin	re Sulfides	Reactive	Cyanides	Sc	ilds
n	one	>	14	0	mg/l	0	mg/l	,1	%
Oil &	Grease	T	oc		Zinc	Co	pper	Ni	ckel
0	mg/l	Ó	mg/l	0	mg/l	0	mg/l	0	<u>mg/l</u>
SECTION 4:	Physical and								
		PONENTS TA				CONCEN			UNITS
TI	ne waste consi	· · · · · · · · · · · · · · · · · · ·	and the state of 	ils		Ranges are		OF COMMERCE WAS TRANSPORTED	or%
	Soc	dium Hydroxi	de				-15	nos mes con constituente sinamente sur	%
		Water			: 	95	<u>- 95</u>		3%
					Sapara A Colombia				<u> </u>
en deservation -									

COMPONENTS TABLE	CONCENTRATOIN	UNITS
The waste consists of the following materials	Ranges are acceptable	or%
Sodium Hydroxide	5-15 95-25	%
Water	95-95	%
	·	
	The state of the s	
A CONTRACTOR OF THE PROPERTY O		
	N. C. San San San San San San San San San San	
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100 Maria (100		
		70.00
Taglica (Applications of the Applications of t		
A CONTROL OF THE CONT		
		

If the handling of this	<u>lated Data</u> waste requires the use of special protective equipment, please explain.							
Standard PPE	tioned to danger and an abrenia by occoping additional by topic distinction							
31111041411								
	Supporting Documents							
·	tes, data and/or analysis attached to this form as part of the waste							
approval package.	none							
SECTION 7: Incompat	<u>ibilities</u>							
Please list ALL incomp	atibilities (if any):							
Strong Acids								
TAXABAN TAXABA								
SECTION 8: Generato	r's Knowledge Documentation							
	the hazardous waste characteristics, listed below, WAS NOT PERFORMED							
•								
based upon the ronow	ring generator knowledge:							
TCLP Metals:	none							
TCLP Volatiles:	none							
TCLP Semi-Volatiles:	none							
Reactivity:	none							
Corrosivity:	yes							
Ignitability:								
Burnoutt								
	ript Classification Under 40 CFR 437 (Prtaining to Pre-Treatment Requirements for Centralized Waste Treatmen							
Facilities)	terial a wastewater or wastewater sludge?							
	terial a wastewater or wastewater sludge? TES X NO S', complete this section.							
11 150	, complete this section							
PLEASE CI	HECK THE APPROPRIATE BOX. IF NO APPROPRIATE CATEGORY, GO TO THE NEXT PAGE.							
Metals Subcategory: 5	ubpart A							
Spent elec	ctroplating baths and/or sludges							
graphity.	shing rinse water and sludges							
Chromate	on control blow down water and sludges							
The state of the s	on control blow down water and shuges dizing solutions							
p	on wastewaters							
10107 107172	uid mercury							
☐ Cyanide-c	ontaining wastes greater than 136 mg/l							
	ds and bases with or without metals							
Maria Maria	rinsing, and surface preparation solutions from electroplating or phosphating operations deburring wastewater							
in the same	nd acid solutions used to clean metal parts or equipment							
	and 0							
Oils Subcategory: Subj	on o							
g versions)	emulsions or mixtures							
Lubricant	\$ · · · · ·							
Coolants								
	ated groundwater clean-up from petroleum sources							
	roleum products							
☐ Oil spill cl ☐ Bilge wate								
	es sh waters from petroleum sources							

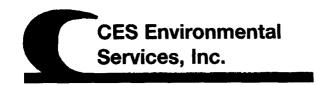
Interceptor wastes
Off-specification fuels
Underground storage remediation waste
☐ Tank clean-out from petroleum or oily sources
Non-contact used glycols
Aqueous and oil mixtures from parts cleaning operations Wastewater from oil bearing paint washes
1000 Mastemater from Ait Acquiris barnt mastries
Organics Subcategory: Subpart C
Landfill leachate
Contaminated groundwater clean-up from non-petroleum sources
Solvent-bearing wastes
Uff-specification organic product
Still bottoms
Byproduct waste glycol
Wastewater from paint washes Wastewater from adhesives and/or epoxies formulation
Wastewater from organic chemical product operations
Tank clean-out from organic, non-petroleum sources
tead
(1)
If the waste contains oil and grease at or in excess of 100 mg/L, the waste should be classified in the oils subcategory.
(2)
If the waste contains oil and grease less than 100 mg/L, and has any of the pollutants listed below in concentrations in
excess of the values listed below, the waste should be classified in the metals subcategory.
Cadmium: 0.2 mg/t
Chromium: 8.9 mg/L
Copper: 4.9 mg/L
Nickel: 37.5 mg/L
If the waste contains oil and grease less than 100 mg/L, and does not have concentrations of cadmium, chromium, copper, or nickel above any of the values listed above, the waste should be classified in the organics subcategory. Oils Subcategory Oils Sub
Organics Subcategory
PERTURN 40 Additional instructions
SECTION 10 Additional instructions
If you cannot determine the correct subcategory in Section 9 and you did not furnish data for the concentration of Cadmium, Chromium, Copper, Nickel, and Oil and Grease, CES will send offsite to a commercial laboratory a sample to determine these concentrations. This will be prior to acceptance. The generator will be responsible for the cost of the analysis.
SECTION 11: Generator's Certification
The information contained herein is based on generator knowledge and/or analytical data.
I hereby certify that the above and attached description is complete and accurate to the best of
my knowledge and ability to determine that no deliberate or willful omissions of composition
properties exist and that all known or suspected hazards have been disclosed. I certify that the
materials tested are representative of all materials described by this document.
materials tested are representative or diffringtes and describes by vivi documents
Authorized Signature: Date: 5/31/09
Printed Name/Title: L. Pinson/President
CES USE ONLY (DO NOT WRITE IN THIS SPACE)
Compliance Officer: Palmil MG
Date: 6-2-pg Dapproved Rejected
Approval Number: PA - 3357



1. Base Pricing (including freight):
0.40/gal +trans
2. Contamination Limit (maximum limit before surchages apply):
20.5%. Solida, 75% Caustic by titration
·
3. Surcharge Pricing:
4. Special Testing Requirements:
Caustic Analysis: pH, s.g., % NaOH by titration
5. Treatment and Handling Protocol:
Put into Nasit product tank
6. Treated Wastewater Discharge Subcategory:
☐ Subcategory A ☐ Subcategory B ☐ Subcategory C



7.	7. Tests for Product Recovered/Recycled (if applicable):						
L							
8.	Management for Product Recovered/Recycled (if applicable)						
ļ							
1							



4904 Griggs Road Houston, TX 77021 Tel. (713) 676-1460 Fax. (713) 676-1676

To: Joy Baker

Date: 5/19/09

Cc: Matt Bowman, Clint Hopkins, Prabhaker, Sam Brown

From: Miles Root Lab Memo: 09-093

Subject: Sierra Chemical Evaluations 0509-18 thru 21

Four different samples of waste material from Sierra Chemical (Cameron Compression), have been evaluated for potential processing/use at CES/PACES. These four samples are evaluations 0509-18 thru 21. A summary of each sample follows.

Evaluation 0509-18 is a spent sulfuric acid. The potential volume is one load every two months. This sample has a density of 1.370. An addition of 50% NaOH to neutralize this acid shows it to be just under 50%. These two pieces of data indicate that this acid is around 47% wt% sulfuric acid.

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4904 Griggs Road Houston, TX 77021 Tel. (713) 676-1460 Fax. (713) 676-1676

Evaluation 0509-21 is an unknown cleaning solution. It is called CL 2000 spent acid. The potential volume of this material is four totes per quarter. It has a pH of around 3 but does not act like it has much acid strength left in it. When reacted with sulfidic caustic its reaction causes only a trace quantity of hydrogen sulfide to be released. It also forms an emulsion looking product that will need to be disposed. Odor is not really an issue with this stream.

This material contains a soap or detergent as it foams when shaken, and the foam remains for quite some time afterwards. This material does not really treat. It forms a sludge when mixed with caustic and/or lime that never separates out into anything that can be processed. Metals on the neat sample are extremely high in zinc and chromium.

This is not an acid that will add value to CES or PACES, nor does it respond to waste water treatment. Since it is only four totes per quarter our only logical processing scheme is to bring it into CES and slowly process it over time into our tanks. The volume of sludge that is produced will evenly distribute itself out over thousands of gallons of water. These four totes will all end up in our filter cake box over time. If our pricing will be high enough to cover this considerable amount of extra handling that will be involved and we can make some good money, then this is an option we should seriously consider.

The table below summarizes the analytical data and recommendations on the above samples.

Sierra Chemicals								
Evaluations 0509-18 thru 21								
	0509-18	0509-19	0509-20	0509-21				
H2SO4, wt%	47							
NaOH, wt%		8.8						
Specific Gravity	1.137	1.147						
CES Use	No	No	Yes	Yes				
PACES Use	Yes	Yes	No	No				
Odor Issues	None	None	None	None				
Treatability	Use @ PACES	N/A	Difficult	Very Difficult				
Phenols, ppm			0	0				
Metals	, 	1	Treated Sx	Untreated Sx				
Ni	\$ \$ 1	1	0.11	71				
Zn			0.022	2.432				
Cu) 	1	0.032	0.558				
Cd	1	1	0.01	0.146				
Cr	(1	0	174				
Recommended?	Yes	Yes	Yes	Yes				



4904 Griggs Road Houston TX 77021 Tel. (713) 676-1460 Fax. (713) 676-1460

Waste Pre-Acceptance/Approval Letter

Date 6/24/2009

Dear Lee Pinson

Thank you for choosing CES Environmental Services, Inc. for you waste disposal and/or recycling needs. The following waste stream has been approved at our facility in Houston, TX. If the waste received does not conform to the profile, then rejection or additional charges may apply.

CES Profile # HOU-3394

Expiration Date 6/24/2011

Generator: Cameron Compression Systems

Address: 600 South First Street

Ponca City, OK 74604

Waste Information

Name of Waste: Oily Absorbent TCEQ Waste Code #: OUTS3101

Container Type:

Detailed Description of Process Generating Waste:

Absorbent contaminated with oil from metals finishing and manufacturing.

Color: Varies

Odor: Varies/hydrocarbon pH: 3-11

Physical State:

Incompatibilities: Strong oxidizers
Safety Related Data/Special Handling:

Standard PPE

If you have any questions concerning this approval and/or the conditions, then please feel free to contact our office at (713) 676-1460.

Thank you,

Matt Bowman, President CES Environmental Services, Inc.



Xo/Ww Des

CES Environmental Services - Houston Facility 4904 Griggs Road, Houston, TX 77021 Phone (713) 676-1460 Fax: (713) 676-1676 U.S. EPA ID Number: TXD008950461 ISWR Number: 30900 TCEQ Industrial Solid Waste Permit Number: 30948					**	CES Environmental Services - Port Arthur Facility 2420 S. Gulfway Dr., Port Arthur, TX 77641 Phone (713) 676-1460 Fax: (713) 676-1460 U.S. EPA ID Number: TXR000079307 ISWR Number: 88585						
SECTION 1: Company:	Generator Cameron C											
Address:	600 South	First Stree	et							****		
City:	Ponca City			St	ate:	OK		Zip:			7	74604
Contact:	Joelle Mon	nan				Title:		Environmenta	l Manager			
Phone Num	ber:	580-76	7-8101			Fax Numb	er:	580-761-0521				
24/hr Phone	e Number:	580-76	1-0699									
US EPA ID N	lo:			****		•						
State ID No:	:	D0022				SIC Code:						
SECTION 2: Company: Address:	Sierra Cher	nical Corp	· · · · · · · · · · · · · · · · · · ·	me as Abo	ove				_			
City:	Hoover		,, ,		ate:	AL	_	Zip:			3	35244
Contact:	M. Pinson					Title:		CFO				
Phone Num		205-98	2-7799			Fax Numb	er:	205-982-0608				
SECTION 3: Name of Wa Detailed De	aste: scription of ontaminate	Oily Ab Process (sorbent Generating	Waste:		ufacturing						
Physical Sta	te:	Liquid Solid		_	udge Iter Cake			Powder Combination				
Color:	varies					Odor:		varies/hyrdoc	arbon			
Specific Gra	vity (water=	:1):	1-2	· · · · · · · · · · · · · · · · · · ·				Density: 8.3	3-17 lbs	s/gal		
Does this m	aterial cont	ain any to	otal phenoli	c compou	nds?		Yes	☑ No	•			
Does this m	aterial cont	ain any p	ara substitu	ited pheno	olic comp	ounds?		☐ Yes	☑ No)		
	s" if your wa	ste conta 3 6 4				e from you 2 2		2851	[he following 2824 2861 2896	Yes g: 2833 2865 2899		No 2834 2869 2911
Layers:	☑ Sin	gle-phase	e 🗆	Multi-pl	hase							
Container T			☐ Tote	_		(4.4	plair	n)				
Frequency: Quantity:	Weekly 5-15	y	onthly 🗌	Yearly [One-Ti	me						

Is this a USEPA "Hazardous Waste" per 40CFR 261.3?									
		ed waste or mi st ALL applical		e?	Y	es 🕓	☑ No		
40 CFR 26: If "Yes",	Is this a commercial product or spill cleanup that would carry a "U" or "P" waste code under 40 CFR 261.33(e) or (f)?								
Proper US	DOT Shipping	Name:	Non RCRA	/Non DOT F	Regulated Mate	erial (Oily Pa	ds & Absorben	t)	
Class:	NA	_UN/NA:	NA	PG:	Na	RQ:	NA		
Flas	sh Point	T 0	Н	Reac	tive Sulfides	Reactiv	e Cyanides	So	lids
	I0 deg F		11	NA	mg/l	NA	mg/l	<2	%
Oil 8	& Grease	TO	oc		Zinc	C	opper	Nic	ckel
>1500	mg/i	<10,000	mg/l	NA	mg/l	NA	mg/l	NA	mg/l
SECTION 4		Chemical Data							
		MPONENTS TA					ITRATOIN		UNITS
1	The waste consists of the following materials				Ranges are acceptable				or %
	Filter	s, Pads & Abso	rbent				5-95		%
		Dirt, Debris	······································			0-5			<u> </u>
		Oil			_	5	-40		<u> </u>

COMPONENTS TABLE	CONCENTRATOIN	UNITS
The waste consists of the following materials	Ranges are acceptable	or %
Filters, Pads & Absorbent	65-95	%
Dirt, Debris	0-5	%
Oil	5-40	%

SECTION 5: Safety Related Data If the handling of this waste requires the use of special protective equipment, please explain. Standard PPE							
							
	ments, notes	upporting Documents s, data and/or analysis attached to this form as part o	of the waste				
SECTION 7:	Incompatib	Ailitiac	 				
		tibilities (if any):					
Strong Oxid	· ·	abilities (il diriy).					
our only own							
Laboratory	analysis of th	s Knowledge Documentation he hazardous waste characteristics, listed below, WAS ng generator knowledge:	S NOT PERFORMED				
TCLP Metal	·	×					
TCLP Volati		<u>^</u> x		<u> </u>			
TCLP Semi-	-	<u>x</u>					
Reactivity:	voidenes.	<u>x</u>					
Corrosivity:		x					
Ignitability:		x					
iginicability.		^					
	Waste Receip	ot Classification Under 40 CFR 437 (Prtaining to Pre-Treatm	ment Requirements fo	r Centralized Waste Treatment			
<u>Facilities</u>)		rial a wastewater or wastewater sludge? complete this section.	☐ YES	✓ NO			
	PLEASE CHEC	CK THE APPROPRIATE BOX. IF NO APPROPRIATE CATEGO.	RY, GO TO THE NEXT	PAGE.			
Metals Subc	ategory : Sub	onart A					
		oplating baths and/or sludges					
		ing rinse water and sludges					
	Chromate w						
<u></u>		n control blow down water and sludges					
<u> </u>	- ·	izing solutions I wastewaters					
<u></u>	Waste liquid						
		ntaining wastes greater than 136 mg/l					
	Waste acids	and bases with or without metals					
	-	nsing, and surface preparation solutions from electroplatin	ng or phosphating ope	erations			
<u> </u>		eburring wastewater					
<u>L</u>) Alkaline and	l acid solutions used to clean metal parts or equipment					
Oils Subcate	<u>aory</u> : Subpar	rt B					
Ļ	Used oils						
<u> </u>] Oil-water en] Lubricants	nulsions or mixtures					
<u> </u>	Coolants						
F	=	ed groundwater clean-up from petroleum sources					
	_	eum products					
	Oil spill clear	n-up					
	Bilge water Rinse/wash	waters from petroleum sources					

Interceptor wastes Off-specification fuels Underground storage remediation waste Tank clean-out from petroleum or oily sources Non-contact used glycols Aqueous and oil mixtures from parts cleaning operations Wastewater from oil bearing paint washes
Organics Subcategory: Subpart C Landfill leachate Contaminated groundwater clean-up from non-petroleum sources Solvent-bearing wastes Off-specification organic product Still bottoms Byproduct waste glycol Wastewater from paint washes Wastewater from adhesives and/or epoxies formulation Wastewater from organic chemical product operations Tank clean-out from organic, non-petroleum sources
(1) If the waste contains oil and grease at or in excess of 100 mg/L, the waste should be classified in the oils subcategory.
(2) If the waste contains oil and grease less than 100 mg/L, and has any of the pollutants listed below in concentrations in excess of the values listed below, the waste should be classified in the metals subcategory. Cadmium: 0.2 mg/L Chromium: 8.9 mg/L Copper: 4.9 mg/L Nickel: 37.5 mg/L
(3) If the waste contains oil and grease less than 100 mg/L, and does not have concentrations of cadmium, chromium, copper, or nickel above any of the values listed above, the waste should be classified in the organics subcategory. ☑ Metals Subcategory ☐ Oils Subcategory ☐ Organics Subcategory
SECTION 10 Additional instructions
If you cannot determine the correct subcategory in Section 9 and you did not furnish data for the concentration of Cadmium, Chromium, Copper, Nickel, and Oil and Grease, CES will send offsite to a commercial laboratory a sample to determine these concentrations. This will be prior to acceptance. The generator will be responsible for the cost of the analysis.
SECTION 11: Generator's Certification The information contained herein is based on generator knowledge and/or analytical data. I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine that no deliberate or willful omissions of compostion properties exist and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all materials described by this document.
Authorized Signature: Date: 43/04
Printed Name/Title: Lee Pinson, Authorized Representative for Generator
CES USE ONLY (DO NOT WRITE IN THIS SPACE)
Compliance Officer: Polythoped Rejected Approval Number:



1. Base Pricing (including freight):
1. Base Pricing (including freight): \$\\$\\$ 35/\dnum + \text{trans} + \fsc
2. Contamination Limit (maximum limit before surchages apply):
3. Surcharge Pricing:
4. Special Testing Requirements:
E Treatment and Handling Protocol:
S. Treatment and Tanding Protocol.
5. Treatment and Handling Protocol: () Oily Pads thereguling (2) Class I Solids
(2) (100) 1 350101
6. Treated Wastewater Discharge Subcategory:
☐ Subcategory A ☐ Subcategory B ☐ Subcategory C



7. Tests for Product Recovered	Recycled (if applicable):	
1		
O. M	envered/Decreted (if annitonital)	
8. Management for Product Rec	covered/Recycled (if applicable)	
8. Management for Product Rec	covered/Recycled (if applicable)	
8. Management for Product Rec	covered/Recycled (if applicable)	
8. Management for Product Rec	covered/Recycled (if applicable)	
8. Management for Product Red	covered/Recycled (if applicable)	
8. Management for Product Rec	covered/Recycled (if applicable)	

☐ Tank clean-out☐ Non-contact u☐ Aqueous and c	on fuels storage remediation waste t from petroleum or olly sources	erations		
Solvent-bearin Off-specification Still bottoms Byproduct was Wastewater fr Wastewater fr Wastewater fr	te groundwater clean-up from non-p ig wastes on organic product	nulation ations		
(1) If the waste co	ntains oil and grease at or in exces	ss of 100 mg/L, the wast	e should be classified in t	he oils subcategory.
excess of the v Cac Chi Coj	ontains oil and grease less than 100 ralues listed below, the waste shou dmium: 0.2 mg/L romium: 8.9 mg/L oper: 4.9 mg/L kel: 37.5 mg/L		-	in concentrations in
or nickel above 고입	ntains oil and grease less than 100 e any of the values listed above, th Metals Subcategory Oils Subcategory Organics Subcategory			
SECTION 10 Additional Instr	ructions			
Copper, Nickel, and Oil and G	correct subcategory in Section 9 a Grease, CES will send offsite to a co The generator will be responsible t	ommercial laboratory a	sample to determine thes	•
rny knowledge and ability properties exist and that a		or willful omissions o nave been disclosed. I	te to the best of f compostion certify that the	
Authorized Signature:	*		Date:	45/09
Printed Name/Title:	Lee Pinson, Authorized Represe	ntative for Generator	***************************************	
CES USE ONLY (DO NOT W	RITE IN THIS SPACE)			
Compliance Officer: Date: Approval Number:	☐ Approved	Rejected		

Prabhable wints
BTEX?



XP/WW

4904 Griggs Road, Houston, TX 77021 Phone (713) 676-1460 Fax: (713) 676-1676 U.S. EPA ID Number: TXD008950461 ISWR Number: 30900		U.S. E	2420 S. Gulfway Dr., Port Arthur, TX 77641 Phone (713) 676-1460 Fax: (713) 676-1460 U.S. EPA ID Number: TXR000079307 ISWR Number: 88585						
		olid Waste Permit			10-11				
SECTION 1:	Generator In	<u>nformation</u>							
Company:	Cameron Co	mpression Syste	ms						
Address:	600 South Fi	irst Street							
City:	Ponca City		State	: OK		Zip:			74604
Contact:	Joelle Moma	an		Title:		Environme	ntal Manage	r	
Phone Num	ber:	580-767-8101		Fax Nu	mber:	580-761-0	521		
24/hr Phone	e Number:	580-761-0699							
US EPA ID N	o:	<u></u>							
State ID No:	:	D0022		SIC Cod	e:				
									
SECTION 2:	Billing Inform	nation -	Same as Above	1					
Company:	Sierra Chem	ical Corp							
Address:	4524 South	ake Pkwy, Suite	34, PMB 101						
City:	Hoover		State	: AL		Zip:			35244
Contact:	M. Pinson			Title:		CFO		· · · · · · · · · · · · · · · · · · ·	
Phone Num	ber:	205-982-7799		Fax Nu	mber:	205-982-0	608	· · · · · · · · · · · · · · · · · · ·	
Name of Wa	aste:	Non Haz Sludge							
Non hazardo	ous sludge ge	nerated from rin	se tanks at meta	Is finishing & f	abrica	tion			
Physical Sta	te: 🗌	Liquid Solid	✓ Sludg ☐ Filter	ge · Cake		Powder Combinati	ion		
Color:	varies			Odor:		varies/hyr	docarbon	· · · · · · · · · · · · · · · · · · ·	
Specific Gra	vity (water=1	L): _		1.2		Density:	10-12	lbs/gal	
Does this m	aterial conta	in any total phe	nolic compounds	i? 🗆	Yes	V	No		
Does this m	aterial conta	in any para subs	tituted phenolic	compounds?			Yes 🗸	No	
	-		te operation NES	•		•	•	☐ Yes	☑ No
			ene AND if the S					_	
2812			2819	2821	2822			2833	2834
2835			2842	2843	2844			2865	2869
2873			2879	2891	2892	2893	2896	2899	2911
3312	4953	4959	9511						
Layers:	✓ Sing	gle-phase	☐ Multi-phas	e					
Container T	ype: 🗸	Drum 🗌 1	ote 🗌 Truci	C Other (explair	n)			
Frequency: Quantity:	Weekly	☑ Monthly [Yearly 🗌 C	One-Time					

If "Yes", the second of the se	en please com s it:	D001 (Ignitable)	rlying Haz D002 (Co D00 D01	5 🔲 D006	nts Form atta	ctive)	□ D 0009	
		d waste or mixe at ALL applicable		?	☐ Yes	7	No		
40 CFR 261	.33(e) or (f)?	luct or spill clead	□ Ye	-	⁄ a "U" or "P" w a ☑ No	aste code un	der		
	Waste Code		Non RCRA/N	OUTS-60	31 Regulated Mater	ial (Oily Slud	ge)		
Class:	NA NA	_	NA	PG:	Na	RQ:	NA	-	
Floor	h Point			Book	tive Sulfides	Ponetivo	Cyanides	Sol	ide
	O deg F	pH 3-11		NA	mg/l	NA	mg/l	<2	%
	Grease	TOC		10/5	Zinc	Copper		Nickel	
>1500	mg/l	<10,000	mg/l	NA	mg/l	NA NA	mg/l	NA NA	mg/l
SECTION 4:	Physical and	Chemical Data							
		APONENTS TAB				CONCENT			UNITS
T		ists of the follow	ing materia	als		Ranges are			or %
						%			
Water 0-40 Oil 0-10				%					
		Oil				0-:	LU		<u> </u>
<u> </u>		· · · · · · · · · · · · · · · · · · ·			+				
<u> </u>					- 				
							-		
							 _		<u> </u>
									

SECTION 5: Safety Rela	ated Data						
If the handling of this w	vaste requires the use of special protective equipment, please explain.						
Standard PPE							
SECTION 6: Attached S	Supporting Documents						
	es, data and/or analysis attached to this form as part of the waste						
approval package.	Analytical						
	- That years						
SECTION 7: Incompatib	<u>bilities</u>						
Please list ALL incompat	itibilities (if any):						
Strong Oxidizers							
	's Knowledge Documentation						
Laboratory analysis of t	the hazardous waste characteristics, listed below, WAS NOT PERFORMED						
based upon the following	ing generator knowledge:						
TCLP Metals:	analytical						
TCLP Volatiles:	х						
TCLP Semi-Volatiles:	X						
Reactivity:	analytical						
Corrosivity:	analytical analytical						
Ignitability:							
,							
SECTION 9: Waste Receip	pt Classification Under 40 CFR 437 (Prtaining to Pre-Treatment Requirements for Centralized Waste Treatm						
Facilities)	_						
	erial a wastewater or wastewater sludge?						
If 'Yes',	, complete this section.						
PLEASE CHE	ECK THE APPROPRIATE BOX. IF NO APPROPRIATE CATEGORY, GO TO THE NEXT PAGE.						
Metals Subcategory: Sui	shoort A						
	troplating baths and/or sludges						
	hing rinse water and sludges						
Chromate v	wastes						
	on control blow down water and sludges						
— '	dizing solutions						
= ' '	n wastewaters						
☐ Waste liqui	ontaining wastes greater than 136 mg/l						
	Is and bases with or without metals						
=	insing, and surface preparation solutions from electroplating or phosphating operations						
<u>==</u>	deburring wastewater						
Alkaline and	nd acid solutions used to clean metal parts or equipment						
Oils Subcategory : Subpo	art B						
Used oils	emulsions or mixtures						
Lubricants							
Coolants							
=	ited groundwater clean-up from petroleum sources						
_	oleum products						
Oil spill clea							
Bilge water	r h waters from notroloum sources						

Tank clean-out f Non-contact use Aqueous and oil Wastewater fror Organics Subcategory: Subpate Landfill leachate Contaminated gi Solvent-bearing	of fuels orage remediation waste from petroleum or oily sources and glycols mixtures from parts cleaning operation oil bearing paint washes fort C from one from non-petrol wastes forganic product a glycol		
Wastewater from	m adhesives and/or epoxies formulati n organic chemical product operation rom organic, non-petroleum sources		
(1)	tains oil and grease at or in excess of 1	1.00 mg/L, the waste should be clas	ssified in the oils subcategory.
excess of the val Cadm Chroi Copp	tains oil and grease less than 100 mg/ ues listed below, the waste should be nium: 0.2 mg/L mium: 8.9 mg/L er: 4.9 mg/L el: 37.5 mg/L	· -	
or nickel above a ☑ M ☐ Oi	tains oil and grease less than 100 mg/l any of the values listed above, the was etals Subcategory is Subcategory ganics Subcategory		
SECTION 10 Additional Instruc	tions		
Copper, Nickel, and Oil and Gre	orrect subcategory in Section 9 and yo ease, CES will send offsite to a comme se generator will be responsible for th	ercial laboratory a sample to deter	
my knowledge and ability to properties exist and that all		riliful omissions of compostion been disclosed. I certify that th	of É
Authorized Signature:	`	Da	ote: <u>6/5/09</u>
Printed Name/Title: Le	e Pinson, Authorized Representati	ve for Generator	
CES USE ONLY (DO NOT WRI	TE IN THIS SPACE)		
Compliance Officer: Date: Approval Number:	☐ Approved [Rejected	
1			



1. Base Pricing (including freight):
\$55/drum torans+foi
2. Contamination Limit (maximum limit before surchages apply):
and the second s
3. Surcharge Pricing:
4. Special Testing Requirements:
4. Special resums Requirements.
i L
5. Treatment and Handling Protocol:
5. Treatment and Handling Protocol: Class Soludge
6. Treated Wastewater Discharge Subcategory:
☐ Subcategory A ☐ Subcategory B ☐ Subcategory C



7. Tests for Product Recovered/Recycled (if applicable):						
			/·c			
s. Managemei	nt for Product Reco	overea/Recyclea	(іт арріісаріе)			
				•		

Environmental

4619 N. Santa Fe, OKC, OK 73118 - (405) 488-2400 - (405) 488-2404 fax

Analytical Report

Report Date: Order#

02/03/2009 2009010344

Laboratory Certificate # 7211

Client: Mr. Tom Sturgill

Ashland

5021 Woodhaven Circle Harrah, OK 73045

Project: Cameron Specialties

Analytical Results

Client Sample ID: **Pit Water**

Sample Collected: 01/26/2009 @ 10:00

ETIID: 1

Matrix: Aqueous

Parameter	Result	Units	Analyzed On	Analyst	Method
TCLP Arsenic	<0.1	mg/L	01/29/2009 12:13:32 PM	JS	200.7
TCLP Barium	<0.1	mg/L	01/29/2009 12:13:32 PM	JS	200.7
TCLP Cadmium	<0.1	mg/L	01/29/2009 12:13:32 PM	JS	200.7
TCLP Chromium	0.99	mg/L	01/29/2009 12:13:32 PM	JS	200.7
TCLP Lead	<0.1	mg/L	01/29/2009 12:13:32 PM	JS	200.7
TCLP Mercury	<0.002	mg/L	01/29/2009 11:41:00 AM	JS	245.1
TCLP Selenium	<0.1	mg/L	01/29/2009 12:13:32 PM	JS	200.7
TCLP Silver	<0.1	mg/L	01/29/2009 12:13:32 PM	JS	200.7
Corrosivity (as pH)	3.66	S.U.	02/02/2009 11:40:00 AM	LH	4500 H+ B
Cyanide	<0.50	mg/L	02/03/2009 03:10:00 PM	LH	4500-CN E
Flashpoint	>140	°F	02/02/2009 11:00:00 AM	LH	1010 A
Sulfide	<50.0	mg/L	02/03/2009 11:05:00 AM	LH	4500-S2 D

Client Sample ID: Pit Water Sludge

Sample Collected: 01/26/2009 @ 10:00

ETI ID: 2

Matrix: Solids

Parameter	Result	Units	Analyzed On	Analyst	Method
TCLP Arsenic	<0.1	mg/L	01/29/2009 12:15:34 PM	JS	200.7
TCLP Barium	0.67	mg/L	01/29/2009 12:15:34 PM	JS	200.7
TCLP Cadmium	<0.1	mg/L	01/29/2009 12:15:34 PM	JS	200.7
TCLP Chromium	0.19	mg/L	01/29/2009 12:15:34 PM	JS	200.7
TCLP Lead	<0.1	mg/L	01/29/2009 12:15:34 PM	JS	200.7
TCLP Mercury	<0.002	mg/L	01/29/2009 11:43:00 AM	JS	245.1
TCLP Selenium	<0.1	mg/L	01/29/2009 12:15:34 PM	JS	200.7
TCLP Sliver	<0.1	mg/L	01/29/2009 12:15:34 PM	JS	200.7
Corrosivity (as pH)	4,88	S.U.	02/03/2009 10:30:00 AM	LH	9045A
Cyanide	<50.0	mg/Kg	01/29/2009 01:20:00 PM	LH	9010B

Analytical Results

Client Sample ID: Pit Water Sludge ETI ID: 2
Sample Collected: 01/26/2009 @ 10:00 Matrix: Solids

<u>Parameter</u> Result <u>Units</u> Analyzed On **Analyst Method** Flashpoint >140 02/02/2009 11:00:00 AM LH 1010A Sulfide <50.0 mg/Kg 02/03/2009 11:00:00 AM LH Hach 8131

Respectfully Submitted:

Russell Britten

President

Unless ETI receives prior notification, all sample material not consumed in analysis will be retained for a period of 30 days before disposal.

Order #: 2009010344

Environmental Testing Inc. 2888200

Quality Control Report

Report Date:

02/03/2009

Order#

2009010344

Laboratory Certificate # 7211

4619 N. Santa Fe, OKC, OK 73118 - (405) 488-2400 - (405) 488-2404 fax

Quality Control

Aqueous

Blank

Parameter	QC Value	Units	ETI ID	
TCLP Arsenic	<0.01	mg/L	1	
TCLP Barium	<0.01	mg/L	1	
TCLP Cadmium	<0.01	mg/L	1	
TCLP Chromium	<0.01	mg/L	1	
TCLP Lead	<0.01	mg/L	1	
TCLP Mercury	<0.0002	mg/L	1	
TCLP Selenium	<0.01	mg/L	1	
TCLP Silver	<0.01	mg/L	1	
Cyanide	<0.15	mg/L	1	
Sulfide	<0.05	mg/L	1	

Duplicate

Parameter	QC Value	Units	ETI ID
TCLP Arsenic	0.0	% dif.	1
TCLP Barlum	3.3	% dif.	1
TCLP Cadmium	0.0	% dif.	1
TCLP Chromium	0.0	% dif.	1
TCLP Lead	0.0	% dif.	1
TCLP Mercury	0.0	% dif.	1
TCLP Selenium	0.0	% dif.	1
TCLP Silver	0.0	% dif.	1
Corrosivity (as pH)	0.0	% dif.	1

LCS

Parameter	QC Value	Units	ETI ID
TCLP Arsenic	108	% rec.	1
TCLP Barlum	100	% rec.	1
TCLP Cadmium	106	% rec.	1
TCLP Chromium	105	% rec.	1
TCLP Lead	104	% rec.	1
TCLP Mercury	86	% rec.	1
TCLP Selenium	104	% rec.	1
TCLP Silver	100	% rec.	1
Cyanide	115	% гес.	1

Aqueous

LCS

Parameter	QC Value	Units	ETI ID
Flashpoint	99	% rec.	1
Sulfide	104	% rec.	1

Matrix Spike

Parameter	QC Value	Units	ETI ID	
TCLP Arsenic	106	% rec.	1	
TCLP Barium	93	% rec.	1	
TCLP Cadmium	99	% rec.	1	
TCLP Chromium	95	% rec.	1	
TCLP Lead	92	% rec.	1	
TCLP Mercury	88	% гес.	1	
TCLP Selenium	104	% гес.	1	
TCLP Silver	92	% rec.	1	
Cyanide	118	% rec.	1	
Sulfide	82	% rec.	1	

Matrix Spike Dup

Parameter	QC Value	Units	ETI ID	
TCLP Arsenic	107	% rec.	1	
TCLP Barium	90	% rec.	1	_
TCLP Cadmium	100	% rec.	1	
TCLP Chromium	95	% гес.	1	
TCLP Lead	91	% гес.	1	
TCLP Mercury	93	% rec.	1	
TCLP Selenium	104	% rec.	1	
TCLP Silver	92	% rec.	1	
Cyanide	113	% rec.	1	
Sulfide	96	% rec.	1	

Solids

Blank

Parameter	QC Value	Units	ETI ID	
TCLP Arsenic	<0.01	mg/L	2	
TCLP Barium	<0.01	mg/L	2	
TCLP Cadmium	<0.01	mg/L	2	
TCLP Chromium	<0.01	mg/L	2	
TCLP Lead	<0.01	mg/L	2	
TCLP Mercury	<0.0002	mg/L	2	
TCLP Selenium	<0.01	mg/L	2	
TCLP Silver	<0.01	mg/L	2	
Cyanide	<0.05	mg/L	2	
Sulfide	<0.05	mg/L	2	

Order #: 2009010344 Page 4 of 6

Solids

Duplicate

Parameter	QC Value	Units	ETI ID	
TCLP Arsenic	0.0	% dif.	2	
TCLP Barium	3.3	% dif.	2	
TCLP Cadmium	0.0	% dif.	2	
TCLP Chromium	0.0	% dif.	2	
TCLP Lead	0.0	% dif.	2	
TCLP Mercury	0.0	% dif.	2	
TCLP Selenium	0.0	% dif.	2	
TCLP Silver	0.0	% dif.	2	

LCS

Parameter	QC Value	Units	ETI ID	
TCLP Arsenic	108	% гес.	2	
TCLP Barium	100	% rec.	2	
TCLP Cadmium	106	% rec.	2	
TCLP Chromium	105	% rec.	2	
TCLP Lead	104	% rec.	2	
TCLP Mercury	86	% rec.	2	
TCLP Selenium	104	% rec.	2	
TCLP Silver	100	% rec.	2	
Cyanide	117	% rec.	2	
Flashpoint	99	% гес.	2	
Sulfide	120	% rec.	2	

Matrix Spike

Parameter	QC Value	Units	ETI ID
TCLP Arsenic	106	% гес.	2
TCLP Barlum	93	% rec.	2
TCLP Cadmium	99	% rec.	2
TCLP Chromium	95	% rec.	2
TCLP Lead	92	% rec.	2
TCLP Mercury	88	% rec.	2
TCLP Selenium	104	% гес.	2
TCLP Silver	92	% rec.	2
Cyanide	106	% гес.	2
Sulfide	44M	% rec.	2

Matrix Spike Dup

Parameter	QC Value	Units	ETI ID	
TCLP Arsenic	107	% rec.	2	
TCLP Barium	90	% rec.	2	
TCLP Cadmium	100	% rec.	2	
TCLP Chromium	95	% rec.	2	
TCLP Lead	91	% rec.	2	
TCLP Mercury	93	% rec.	2	



folmm

U.S. EPA ID N	CES Environme 4904 Grigg Phone (713) 6 Number: TXD0 EQ Industrial S	gs Road, Housi 576-1460 Fax 08950461	ton, TX 770. c: (713) 676 ISWR Num	21 -1676 ber: 309	-		24: Pho	nvironmental 20 S. Gulfway one (713) 676- Number: TXRO	Dr., Port Arth 1460 Fax: (7	ur, TX 77641	D	35
SECTION 1	Generator I	nformation										
Company:	Cameron Co		Systems									
Address:	600 South F		7									
City:	Ponca City			St	ate:	ОК		Zip:			74	604
Contact:	Joelle Mom	an				Title:			ntal Manage	r		
Phone Nun	nber:	580-767-83	101			- Fax Num	ber:	580-761-05				
24/hr Phon	e Number:	580-761-0	699			-				····		
US EPA ID I	No:					-						
State ID No) :	D0022				SIC Code	:					
SECTION 2: Company: Address:	Billing Infor			e as Abo	ove							
City:	Hoover	iake i kwy, si	uite 5-, i ii		ate:	AL		Zip:			35	244
Contact:	M. Pinson					Title:		_ p. _CFO				
Phone Nun		205-982-7	799			- ' '	ber:	205-982-06	08			
Name of W	General Des	Dip Tank W	Vastewate									
Wastewate Physical Sta	r from Dip ta	Liquid	leaning and	☐ SI	udge			Powder				
		Solid		Fi	Iter Cake		Ш	Combinatio				
Color:	varies					Odor:		varies/hyrd	ocarbon			
Specific Gra	avity (water=	:1):	 _		1	<u>-</u>		Density:	8.34	bs/gal		
Does this n	naterial cont	ain any total	phenolic (compou	nds?		Yes		No			
Does this n	naterial cont	ain any para	substitute	d pheno	olic comp	oounds?		Y	'es 🗸	No		
	t e subject to es" if your wa		-			-		-	-	Yes	V	No
2812	-			2819	2821		2822	•	2824	2833	2	834
2835				2842	2843		2844		2861	2865		869
2873				2879	2891		2892		2896	2899		911
3312	-			9511						2000	_	
Layers:	_	gle-phase	_	Multi-pl	hase							
Container	Гуре: 🗌	Drum	☐ Tote	☑ Tı	ruck 🗀	Other (e	xplaiı	n)				
Frequency: Quantity:	: Weekly	y 🗹 Month	nly 🗌 Ye	early [One-T	ime						

Solids

Matrix Spike Dup

Parameter	QC Value	Units	ETI ID	
TCLP Selenium	104	% гес.	2	
TCLP Silver	92	% гес.	2	
Cyanide	93	% гес.	2	
Sulfide	43M	% rec.	2	

E = Estimated Value (above linear range)

M = Out of Control Due to Matrix Effect

D = Surrogate or Matrix Spike Diluted Out

Q = Outside of QC Limits on Both Original and Rerun

C = Possible Laboratory Contamination

* = Out of Control

Order #: 2009010344

J = Estimated Value (below linear range)

*TA = Lab ID: 9412

*OL = Lab ID: 8306

*SM = Lab ID: 9940

		ous Waste" per aplete, sign and o			Ye	- <u>-</u>	No tached hereto		
If "Yes", Is Characteristi	c for Toxic I		☐ D004	0 🗆 D01	5 □ D00 1	☐ D003 (Re 6 ☐ D00		□ D009)
Characteristi	c for Toxic (Organics: D012	thru D043 ((please list a	all that apply)				
		ed waste or mix st ALL applicab		e?	☐ Ye	es [∕ No		
40 CFR 261.3	3(e) or (f)?	duct or spill cle			a "U" or "P" w	vaste code u	ınder		
Texas State \	Waste Code	Number:		OUTS-205	51		_		
Proper US De	OT Shipping	Name:	Non RCRA	/Non DOT R	egulated Mate	rial (rinse w	ater)		
Class:	NA	_UN/NA:	NA	PG:	Na	RQ:	NA		
Flash	Point	pi	-	Reac	tive Sulfides	Reactiv	e Cyanides	So	lids
>140	deg F	3-1	.1	NA	mg/l	NA	mg/l	<2	%
Oil & C	Grease	TO	С		Zinc	С	opper	Ni	ckel
>1500	mg/l	<10,000	mg/l	NA	mg/l	NA	mg/i	NA	<u>mg/l</u>
SECTION 4:	_ <u>`</u>	l Chemical Data	BI F		1	CONCE	TRATOIN		UNITS

COMPONENTS TABLE	CONCENTRATOIN	UNITS
The waste consists of the following materials	Ranges are acceptable	or %
Water	98-100	%
Oil	0-2	%
Dirt, Rust, Solids	0-2	%
		

SECTION 5:						
If the handlir	ng of this wa	iste requires the use o	f special protective equip	pment, please explair	۱.	
Standard PPE						
SECTION 6.	Attached Co	marting Documents				
		ipporting Documents	attached to this form as	nart of the waste		
approval pac	•	Analytical	attached to this form as	part of the waste		
approvat pac	wage.	Analytical			· · · · · · · · · · · · · · · · · · ·	
				·- <u></u> ·		
SECTION 7:	<u>Incompatib</u>	<u>ilities</u>				
Please list AL	L incompat	ibilities (if any):				
Strong Oxidi	zers					
				- -		
SECTION O	Concretor's	: Knowledge Decumer	utation.			
		Knowledge Documer	<u>- </u>	WAS NOT DEDECADE	MED	
	•		aracteristics, listed belov	V, WAS NOT PERFOR	MED	
based upon	the followin	g generator knowledg	e:			
TCLP Metals:		analytical				
TCLP IVIELAIS						
TCLP Voiatile		<u>x</u>				
	Olatiles:	X				
Reactivity:		analytical	<u> </u>			
Corrosivity:		analytical				
Ignitability:		analytical				
SECTION O. V	Vacta Bassin	t Classification Under 40	CFR 437 (Prtaining to Pre	Treatment Beruireme	nto for Cont	ralized Masta Treatment
Facilities)	Aggre verein	t Classification Under 40	CFR 457 (Priditility to Pre	-treatment Requireme	nts for Centi	ranzeu waste rreatment
	Is this mater	ial a wastewater or was	tewater sludge?	√	res 🗀 i	NO
		complete this section.	-	_	_	
	DI FACE CUE	CV TUE 400000014TF 0	OV 15410 400000001475.6	ATECONY CO TO THE	VEVE 04.65	
	PLEASE CHE	LK THE APPROPRIATE BO	OX. IF NO APPROPRIATE C	A LEGURY, GO TO THE I	NEXT PAGE.	
Metals Subca	tegory: Sub	part A				
	Spent electr	oplating baths and/or slo	udges			
		ing rinse water and slud	ges			
=	Chromate w		1.1.1			
		control blow down wat zing solutions	er and sludges			
		wastewaters				
	Waste liquid					
		taining wastes greater t				
		and bases with or without				
		ising, and surface prepai burring wastewater	ration solutions from electi	roplating or phosphatir	ng operation:	S
		_	lean metal parts or equipm	nent		
_			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Oils Subcated		rt B				
H	Used oils					
⊢		nulsions or mixtures				
님	Lubricants Coolants					
Ħ		ed groundwater clean-u	p from petroleum sources			
		eum products	•			
	Oil spill clea					
	Bilge water					
	кınse/wash	waters from petroleum	sources			

Undergro Tank cleai Non-conti	or wastes ication fuels und storage remediation waste n-out from petroleum or olly sources act used glycols und oil mixtures from parts cleaning operations er from oil bearing paint washes
Solvent-bi Off-specif Still botto Byproduc Wastewal Wastewal Wastewal	achate ated groundwater clean-up from non-petroleum sources earing wastes Ication organic product
(1) If the was	te contains oil and grease at or in excess of 100 mg/L, the waste should be classified in the oils subcategory.
	te contains oil and grease less than 100 mg/L, and has any of the pollutants listed below in concentrations in the values listed below, the waste should be classified in the metals subcategory. Cadmium: 0.2 mg/L Chromium: 8.9 mg/L Copper: 4.9 mg/L Nickel: 37.5 mg/L
	te contains oil and grease less than 100 mg/L, and does not have concentrations of cadmium, chromium, copper, bove any of the values listed above, the waste should be classified in the organics subcategory. Oils Subcategory Organics Subcategory
SECTION 10 Additional	Instructions
Copper, Nickel, and Oil	the correct subcategory in Section 9 and you did not furnish data for the concentration of Cadmium, Chromium, and Grease, CES will send offsite to a commercial laboratory a sample to determine these concentrations. This ce. The generator will be responsible for the cost of the analysis.
I hereby certify that the my knowledge and ab properties exist and the	ined herein is based on generator knowledge and/or analytical data. e above and attached description is complete and accurate to the best of lity to determine that no deliberate or willful omissions of compostion at all known or suspected hazards have been disclosed. I certify that the
Authorized Signature:	Date: 4/5/09
Printed Name/Title:	Lee Pinson, Authorized Representative for Generator
CES USE ONLY (DO NO	T WRITE IN THIS SPACE)
Compilance Officer: Date: Approval Number:	Approved Rejected
l · •	



PROCESS FACILITY INFORMATION (CES USE ONLY)!!!

1. Base Pricing (including freight):
\$ 0.10 per gallon
2. Contamination Limit (maximum limit before surchages apply):
22010 Solids (prinol, metals) Std
3. Surcharge Pricing:
\$0.01/°/. Solids/gul up to 10% Solids. \$0.005/% Solds
Gurcharge thereaster
4. Special Testing Requirements:
metals, phenol, TOC, treatability, pt
5. Treatment and Handling Protocol:
Sub Cat A WW
6. Treated Wastewater Discharge Subcategory:
Subcategory A Subcategory B Subcategory C



PROCESS FACILITY INFORMATION (CES USE ONLY)!!!

7. Tests for Product Re	covered/Recycled (if appl	icable):	
8. Management for Pr	oduct Recovered/Recycled	d (if applicable)	

Environmental

4619 N. Santa Fe, OKC, OK 73118 - (405) 488-2400 - (405) 488-2404 fax

Analytical Report

Report Date:

02/03/2009

Order#

2009010344

Laboratory Certificate # 7211

Client: Mr. Tom Sturgill

Ashland

5021 Woodhaven Circle Harrah, OK 73045

Project: Cameron Specialties

Analytical Results

Client Sample ID: Pit Water ETIID: 1

Sample Collected: 01/26/2009 @ 10:00 Matrix: Aqueous

<u>Parameter</u>	Result	<u>Units</u>	Analyzed On	Analyst	Method
TCLP Arsenic	<0.1	mg/L	01/29/2009 12:13:32 PM	JS	200.7
TCLP Barium	<0.1	mg/L	01/29/2009 12:13:32 PM	JS	200.7
TCLP Cadmium	<0.1	mg/L	01/29/2009 12:13:32 PM	JS	200.7
TCLP Chromium	0.99	mg/L	01/29/2009 12:13:32 PM	JS	200.7
TCLP Lead	<0.1	mg/L	01/29/2009 12:13:32 PM	JS	200.7
TCLP Mercury	<0.002	mg/L	01/29/2009 11:41:00 AM	JS	245.1
TCLP Selenium	<0.1	mg/L	01/29/2009 12:13:32 PM	JS	200.7
TCLP Silver	<0.1	mg/L	01/29/2009 12:13:32 PM	JS	200.7
Corrosivity (as pH)	3.66	S.U.	02/02/2009 11:40:00 AM	LH	4500 H+ B
Cyanide	<0.50	mg/L	02/03/2009 03:10:00 PM	LH	4500-CN E
Flashpoint	>140	°F	02/02/2009 11:00:00 AM	LH	1010 A
Sulfide	<50.0	mg/L	02/03/2009 11:05:00 AM	LH	4500-S2 D

Client Sample ID: Pit Water Sludge ETI ID: 2

Sample Collected: 01/26/2009 @ 10:00 Matrix: Solids

<u>Parameter</u>	Result	Units	Analyzed On	Analyst	Method
TCLP Arsenic	<0.1	mg/L	01/29/2009 12:15:34 PM	JS	200.7
TCLP Barium	0.67	mg/L	01/29/2009 12:15:34 PM	JS	200.7
TCLP Cadmium	<0.1	mg/L	01/29/2009 12:15:34 PM	JS	200.7
TCLP Chromium	0.19	mg/L	01/29/2009 12:15:34 PM	JS	200.7
TCLP Lead	<0.1	mg/L	01/29/2009 12:15:34 PM	JS	200.7
TCLP Mercury	<0.002	mg/L	01/29/2009 11:43:00 AM	JS	245.1
TCLP Selenium	<0.1	mg/L	01/29/2009 12:15:34 PM	JS	200.7
TCLP Silver	<0.1	mg/L	01/29/2009 12:15:34 PM	JS	200.7
Corrosivity (as pH)	4.88	S.U.	02/03/2009 10:30:00 AM	LH	9045A
Cyanide	<50.0	mg/Kg	01/29/2009 01:20:00 PM	LH	9010B

Analytical Results

Client Sample ID: Pit Water Sludge ETI ID: 2

Sample Collected: 01/26/2009@10:00 Matrix: Solids

Parameter Result Units **Analyzed On Analyst Method** Flashpoint 02/02/2009 11:00:00 AM 1010A >140 LH Sulfide <50.0 02/03/2009 11:00:00 AM LH Hach 8131 mg/Kg

Respectfully Submitted:

Russell Britten

President

Unless ETI receives prior notification, all sample material not consumed in analysis will be retained for a period of 30 days before disposal.

Order #: 2009010344

Page 2 of 6

Environmental Testing Inc. 4888400

Quality Control Report

Report Date:

Order#

02/03/2009 2009010344

Laboratory Certificate # 7211

4619 N. Santa Fe, OKC, OK 73118 - (405) 488-2400 - (405) 488-2404 fax

Quality Control

Aqueous

Blank

Parameter	QC Value	Units	ETI ID	
TCLP Arsenic	<0.01	mg/L	1	
TCLP Barium	<0.01	mg/L	1	
TCLP Cadmium	<0.01	mg/L	1	
TCLP Chromium	<0.01	mg/L	1	
TCLP Lead	<0.01	mg/L	1	
TCLP Mercury	<0.0002	mg/L	1	
TCLP Selenium	<0.01	mg/L	1	
TCLP Silver	<0.01	mg/L	1	
Cyanide	<0.15	mg/L	1	
Sulfide	<0.05	mg/L	1	

Duplicate

Parameter	QC Value	Units	ETI ID	
TCLP Arsenic	0.0	% dif.	1	
TCLP Berlum	3.3	% dif.	1	
TCLP Cadmium	0.0	% dif.	1	
TCLP Chromium	0.0	% dif.	1	
TCLP Lead	0.0	% dif.	1	
TCLP Mercury	0.0	% dif.	1	
TCLP Selenium	0.0	% dif.	1	
TCLP Silver	0.0	% dif.	1	
Corrosivity (as pH)	0.0	% dif.	1	

LCS

Parameter	QC Value	Units	ETI ID	
TCLP Arsenic	108	% rec.	1	
TCLP Barium	100	% rec.	1	
TCLP Cadmium	106	% rec.	1	
TCLP Chromium	105	% rec.	1	
TCLP Lead	104	% rec.	1	
TCLP Mercury	86	% rec.	1	
TCLP Selenium	104	% rec.	1	<u> </u>
TCLP Silver	100	% rec.	1	
Cyanide	115	% rec.	1	<u> </u>

Order #: 2009010344

Aqueous

LCS

Parameter	QC Value	Units	ETI ID
Flashpoint	99	% rec.	1
Sulfide	104	% rec.	1

Matrix Spike

Parameter	QC Value	Units	ETI ID	
TCLP Arsenic	106	% rec.	1	
TCLP Barium	93	% rec.	1	
TCLP Cadmium	99	% rec.	1	
TCLP Chromium	95	% rec.	1	
TCLP Lead	92	% rec.	1	
TCLP Mercury	88	% rec.	1	
TCLP Selenium	104	% rec.	1	
TCLP Sliver	92	% rec.	1	
Cyanide	118	% rec.	1	
Sulfide	82	% гес.	1	

Matrix Spike Dup

Parameter	QC Value	Units	ETI ID	
TCLP Arsenic	107	% rec.	1	
TCLP Barlum	90	% rec.	1	
TCLP Cadmium	100	% rec.	11	
TCLP Chromium	95	% rec.	1	
TCLP Lead	91	% гес.	1	
TCLP Mercury	93	% гес.	1	
TCLP Selenium	104	% rec.	1	
TCLP Silver	92	% rec.	1	
Cyanide	113	% rec.	1	
Sulfide	96	% гес.	1	

Solids

Blank

Parameter	QC Value	Units	ETI ID	
TCLP Arsenic	<0.01	mg/L	2	
TCLP Barium	<0.01	mg/L	2	
TCLP Cadmium	<0.01	mg/L	2	
TCLP Chromium	<0.01	mg/L	2	
TCLP Lead	<0.01	mg/L	2	
TCLP Mercury	<0.0002	mg/L	2	
TCLP Selenium	<0.01	mg/L	2	
TCLP Silver	<0.01	mg/L	2	
Cyanide	<0.05	mg/L	2	
Sulfide	<0.05	mg/L	2	

Order #: 2009010344 Page 4 of 6

Solids

Duplicate

Parameter	QC Value	Units	ETI ID	
TCLP Arsenic	0.0	% dif.	2	
TCLP Barium	3.3	% dif.	2	
TCLP Cadmium	0.0	% dif.	2	
TCLP Chromium	0.0	% dif.	2	
TCLP Lead	0.0	% dif.	2	
TCLP Mercury	0.0	% dif.	2	
TCLP Selenium	0.0	% dif.	2	
TCLP Silver	0.0	% dif.	2	

LCS

Parameter	QC Value	Units	ETI ID	
TCLP Arsenic	108	% rec.	2	
TCLP Barium	100	% гес.	2	
TCLP Cadmium	106	% rec.	2	
TCLP Chromium	105	% rec.	2	
TCLP Lead	104	% rec.	2	
TCLP Mercury	86	% rec.	2	
TCLP Selenium	104	% rec.	2	
TCLP Silver	100	% гес.	2	
Cyanide	117	% гес.	2	
Flashpoint	99	% rec.	2	
Sutfide	120	% rec.	2	

Matrix Spike

Parameter	QC Value	Units	ETI ID	
TCLP Arsenic	106	% rec.	2	
TCLP Barium	93	% rec.	2	
TCLP Cadmium	99	% rec.	2	
TCLP Chromium	95	% rec.	2	
TCLP Lead	92	% rec.	2	
TCLP Mercury	88	% rec.	2	
TCLP Selenium	104	% гес.	2	
TCLP Silver	92	% гес.	2	
Cyanide	106	% гес.	2	
Sulfide	44M	% rec.	2	

Matrix Spike Dup

Parameter	QC Value	Units	ETI ID	•
TCLP Arseric	107	% гес.	2	
TCLP Barlum	90	% rec.	2	
TCLP Cadmium	100	% rec.	2	
TCLP Chromium	95	% rec.	2	
TCLP Lead	91	% rec.	2	
TCLP Mercury	93	% rec.	2	

Order #: 2009010344 Page 5 of 6

Solids

Matrix Spike Dup

Parameter	QC Value	Units	ETI ID	
TCLP Selenium	104	% rec.	2	
TCLP Silver	92	% гес.	2	
Cyanide	93	% rec.	2	
Sulfide	43M	% rec.	2	

E = Estimated Value (above linear range)

M = Out of Control Due to Matrix Effect

D ≈ Surrogate or Matrix Spike Diluted Out

Q = Outside of QC Limits on Both Original and Rerun

C = Possible Laboratory Contamination

* = Out of Control

Order #: 2009010344

J = Estimated Value (below linear range)

*TA = Lab ID: 9412

*OL = Lab ID: 8306

*SM = Lab ID: 9940



4904 Griggs Road Houston, TX 77021 Tel. (713) 676-1460 Fax. (713) 676-1676

To: Joy Baker

. >

Date: 5/19/09

Cc: Matt Bowman, Clint Hopkins, Prabhaker, Sam Brown

From: Miles Root

Lab Memo: 09-093

Subject: Sierra Chemical Evaluations 0509-18 thru 21

Four different samples of waste material from Sierra Chemical (Cameron Compression), have been evaluated for potential processing/use at CES/PACES. These four samples are evaluations 0509-18 thru 21. A summary of each sample follows.

Evaluation 0509-18 is a spent sulfuric acid. The potential volume is one load every two months. This sample has a density of 1.370. An addition of 50% NaOH to neutralize this acid shows it to be just under 50%. These two pieces of data indicate that this acid is around 47% wt% sulfuric acid.

It is clean looking material which springs out crude cresylic acid or liberates hydrogen sulfide from spent caustics. I treated this sample as water just to see how it would process. Of course it requires an excessive amount of caustic for it to be neutralized, but the water produced is good looking with low metals. Since it will add value to our business as an acid we should use it in that capacity. I recommend that we try this acid at PACES in either our cresylic acid or NaSH production process.

Evaluation 0509-19 is some type of spent caustic. The potential volume of this material is one load per quarter. This sample has a density of 1.147, which should equate to 15% caustic. A titration shows this caustic to be 8.8 wt% as NaOH, but it does contain a significant amount of sodium carbonate as well. Its high carbonate content is indicated by the excessive foaming noted during the titration with HCl. Sodium carbonate will not be a part of any reaction for strengthening our NaSH production, and will actually lower the sulfide component. Currently we get no compensation for the carbonates in our NaSH product.

The strength of usable caustic is too low for profitable use at PACES. Metals on the neat sample show very high zinc and chromium. If we can make some good money for taking this material then it needs to go to PACES. We can put it into the NaSH product tank to consume the small amount of hydrogen sulfide that it will do. It will not make us any money on the NaSH sales side so we need to cover our costs up front. I don't see a better option if we really want to take this material.

Evaluation 0509-20 is waste water. The potential volume is three loads per month. This water has a pH of 6 and contains orange/brown silt from its previous use. When treated, it produces an extremely high volume of solids which I estimate to be at least 75% when spun down. Metals and TOC are low, with no phenols. Odor is not an issue. We can treat this water at CES but need to price as though we are going to filter press this entire load, as that may happen.



4904 Griggs Road Houston, TX 77021 Tel. (713) 676-1460 Fax. (713) 676-1676

Evaluation 0509-21 is an unknown cleaning solution. It is called CL 2000 spent acid. The potential volume of this material is four totes per quarter. It has a pH of around 3 but does not act like it has much acid strength left in it. When reacted with sulfidic caustic its reaction causes only a trace quantity of hydrogen sulfide to be released. It also forms an emulsion looking product that will need to be disposed. Odor is not really an issue with this stream.

This material contains a soap or detergent as it foams when shaken, and the foam remains for quite some time afterwards. This material does not really treat. It forms a sludge when mixed with caustic and/or lime that never separates out into anything that can be processed. Metals on the neat sample are extremely high in zinc and chromium.

This is not an acid that will add value to CES or PACES, nor does it respond to waste water treatment. Since it is only four totes per quarter our only logical processing scheme is to bring it into CES and slowly process it over time into our tanks. The volume of sludge that is produced will evenly distribute itself out over thousands of gallons of water. These four totes will all end up in our filter cake box over time. If our pricing will be high enough to cover this considerable amount of extra handling that will be involved and we can make some good money, then this is an option we should seriously consider.

The table below summarizes the analytical data and recommendations on the above samples.

Sierra Chemicals											
Evaluations 0509-18 thru 21											
	0509-18	0509-19	0509-20	0509-21							
H2SO4, wt%	47	, ,	1								
NaOH, wt%		8.8									
Specific Gravity	1.137	1.147									
CES Use	No	No	Yes	Yes							
PACES Use	Yes	Yes	No	No							
Odor Issues	None	None	None	None							
Treatability	Use @ PACES	N/A	Difficult	Very Difficult							
Phenols, ppm			0	0							
Metals			Treated Sx	Untreated Sx							
Ni		1	0.11	71							
Zn			0.022	2.432							
Cu		1	0.032	0.558							
Cd		(0.01	0.146							
Cr		1	0	174							
Recommended?	Yes	Yes	Yes	Yes							

EPAHO082001462

- Arkema (Arkema-Haden Rd) NOM Overheads

EPAHO082001463

Jesse Hubetz 713-450-6706 Nova Sulfides Normal Oddyl Mercaptan

arkema

n-OCTYL MERCAPTAN

Material Safety Data Sheet

Arkema Inc.

1 PRODUCT AND COMPANY IDENTIFICATION

Thio and Fine Chemicals

Arkema Inc.

2000 Market Street

Philadelphia, PA 19103

EMERGENCY PHONE NUMBERS:

Chemtrec: (800) 424-9300 (24hrs) or (703) 527-3887 Medical: Rocky Mountain Poison Control Center

(866) 767-5089 (24Hrs)

Information Telephone Numbers

Phone Number

Available Hrs

Customer Service

1-800-628-4453

8:30 to 5:30 EST

Product Name

Product Synonym(s)

n-OCTYL MERCAPTAN

Chemical Family

Alkyl Mercaptan

Chemical Formula

C8H18S 1-Octanethiol

Chemical Name

EPA Reg Num **Product Use**

2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name

CAS RegistryNumber

Typical %

OSHA

n-Octanethiol

111-88-6

98%

The substance(s) marked with a "Y" in the OSHA column, are identified as hazardous chemicals according to the criteria of the OSHA Hazard Communication Standard (29 CFR 1910.1200)

This material is classified as hazardous under Federal OSHA regulation.

The components of this product are all on the TSCA Inventory list.

3 HAZARDS IDENTIFICATION

Emergency Overview

Colorless liquid, mercaptan odor. **WARNING!** CAUSES EYE AND SKIN IRRITATION.

MAY CAUSE ALLERGIC SKIN REACTION.

MAY CAUSE NAUSEA, HEADACHE OR DIZZINESS.

Potential Health Effects

Inhalation and skin contact are expected to be the primary routes of occupational exposure to this material. Based on single exposure animal tests, it is considered to be slightly toxic if swallowed, no more than slightly toxic if absorbed through skin, no more than moderately toxic if inhaled, moderately irritating to eyes, and slightly irritating to skin. This material has a strong objectionable odor that may cause nausea, headache, or dizziness. Repeated contact may cause an allergic skin reaction.

4 FIRST AID MEASURES

Product Code: 001482 Revision: 13 Issued:02 MAR 2007 Page 1 of 6



ARKEMA

4 FIRST AID MEASURES

IF IN EYES, immediately flush with plenty of water for at least 15 minutes. Get medical attention immediately.

IF ON SKIN, immediately wash with soap and plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Thoroughly clean shoes before reuse.

IF SWALLOWED, do NOT induce vomiting. Give water to drink. Get medical attention immediately. Call a Poison Control Center. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

IF INHALED, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

5 FIRE FIGHTING MEASURES

Fire and Explosive Properties

Auto-Ignition Temperature

237 C

Flash Point

70 C (158 F)

Flash Point Method

Seta CC

Flammable Limits- Upper

Lower

NE NE

Extinguishing Media

Use water spray, carbon dioxide, foam or dry chemical.

Fire Fighting Instructions

Do NOT permit water to enter containers. Material may spatter or foam if contacted with water. Fire fighters and others who may be exposed to products of combustion should wear full fire fighting turn out gear (full Bunker Gear) and self-contained breathing apparatus (pressure demand NIOSH approved or equivalent). Fire fighting equipment should be thoroughly decontaminated after use.

Fire and Explosion Hazards

When burned, the following hazardous products of combustion can occur: Hydrogen sulfide Sulfur oxides Oxides of carbon

6 ACCIDENTAL RELEASE MEASURES

In Case of Spill or Leak

Ventilate the area. Contain spill by building a dike using absorbent material. Consult with environmental engineer or professional to determine if neutralization is appropriate and for handling procedures for residual materials. Do not use solid bleach for neutralization, as fire or violent reaction can occur. Collect the liquid and solid absorbent into a drum approved for waste disposal. Flush area with water. Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits.

7 HANDLING AND STORAGE

Product Code: 001482 Revision: 13 Issued:02 MAR 2007 Page 2 of 6



Material Safety Data Sheet

Arkema Inc.

7 HANDLING AND STORAGE

Handling

Do not get in eyes, on skin or on clothing. Wash thoroughly after handling. Keep away from heat, sparks and flames. Keep container closed.
Use only with adequate ventilation.

CONTAINER HAZARDOUS WHEN EMPTY. Emptied container retains vapor and product residue. Follow labeled warnings even after container is emptied. RESIDUAL VAPORS MAY EXPLODE ON IGNITION. DO NOT CUT, DRILL GRIND OR WELD ON OR NEAR THIS CONTAINER. Improper disposal or reuse of this container may be dangerous and/or illegal.

Storage

Store in well ventilated area away from heat and sources of ignition such as flame, sparks and static electricity. Ensure that all storage and handling equipment is properly rated, grounded and installed to satisfy electrical classification requirements. Static electricity may accumulate and create a fire hazard. All storage containers, including containers such as drums, cylinders and IBC's, must be bonded and grounded during filling and emptying operations. Store away from oxidizers and reactive materials. Keep container tightly closed. Observe all federal, state and local regulations and National Fire Protection Association (NFPA) Codes which pertain to the specific local conditions of storage and use, including OSHA 29 CFR 1910.106 and NFPA 30, 70, 77, and 497.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls

Investigate engineering techniques to reduce exposures. Provide ventilation if necessary to minimize exposures. If practical, use local mechanical exhaust ventilation at sources of air contamination such as open process equipment. Consult ACGIH ventilation manual or NFPA Standard 91 for design of exhaust systems.

Eye / Face Protection

Where there is potential for eye contact, wear a face shield, chemical goggles, and have eye flushing equipment immediately available.

Skin Protection

Wear appropriate chemical resistant protective clothing and chemical resistant gloves to prevent skin contact. Consult glove manufacturer to determine appropriate type glove material for given application. Wear face shield and chemical resistant clothing such as a rubber apron when splashing may occur. Rinse contaminated skin promptly. Wash contaminated clothing and clean protective equipment before reuse. Wash skin thoroughly after handling.

Respiratory Protection

Avoid breathing vapor or mist. Where airborne exposure is likely, use NIOSH approved respiratory protection equipment appropriate to the material and/or its components. Full facepiece equipment is recommended and, if used, replaces need for face shield and/or chemical goggles. If exposures cannot be kept at a minimum with engineering controls, consult respirator manufacturer to determine appropriate type equipment for given application. Observe respirator use limitations specified by NIOSH or the manufacturer. For emergency and other conditions, where there may be a potential for significant exposure, use an approved full face positive-pressure, self-contained breathing apparatus or positive-pressure airline with auxiliary self-contained air supply. Respiratory protection programs must comply with 29 CFR § 1910.134.

Product Code: 001482 Revision: 13 Issued: 02 MAR 2007 Page 3 of 6



Material Safety Data Sheet

Arkema Inc.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Airborne Exposure Guidelines for Ingredients

The components of this product have no established Airborne Exposure Guidelines

- -Only those components with exposure limits are printed in this section.
 -Skin contact limits designated with a "Y" above have skin contact effect. Air sampling alone is insufficient to accurately quantitate exposure. Measures to prevent significant cutaneous absorption may be required.
- -ACGIH Sensitizer designator with a value of "Y" above means that exposure to this material may cause allergic reactions.
- -WEEL-AIHA Sensitizer designator with a value of "Y" above means that exposure to this material may cause allergic skin reactions.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Odor

Colorless liquid, mercaptan odor.

рΗ

Specific Gravity

0.847 @ 15.5 C

Vapor Pressure **Vapor Density**

0.03 psia @ 100 F

Melting Point

-49 C

Freezing Point

NA

Boiling Point

199 C 4 ma/l @ 20 C

Solubility In Water Solubility in Other Materials

Alcohols, ethyl ether

Percent Volatile

100

Viscosity

1.33 cP 146.3

Molecular Weight Other Physical Data

Refractive index: 1.454 @ 20 C

Critical temperature: Tc = 391 C

Critical pressure: Pc = 2.48 MPa (24.8 bar)

10 STABILITY AND REACTIVITY

Stability

This material is chemically stable under normal and anticipated storage and handling conditions.

Incompatibility

Avoid contact with strong oxidizing agents and strong bases.

Hazardous Decomposition Products

None known.

11 TOXICOLOGICAL INFORMATION

Toxicological Information

Data on this material and/or its components are summarized below.

Single exposure (acute) studies indicate:

Oral - Slightly Toxic to Rats (LD50 2,000 mg/kg)

Dermal - No More than Slightly Toxic to Rats (LD0 2,000 mg/kg)

Inhalation - No More than Moderately Toxic to Rats (4-hr LC0 0.24 mg/l)

Product Code: 001482

Revision: 13 Issued:02 MAR 2007 Page 4 of



Material Safety Data Sheet

Arkema Inc.

11 TOXICOLOGICAL INFORMATION

Eye Irritation - Moderately Irritating to Rabbits Skin Irritation - Slightly Irritating to Rabbits

Skin allergy was observed in guinea pigs following repeated skin exposure. No genetic changes were noted in tests using bacteria or human cells.

12 ECOLOGICAL INFORMATION

Ecotoxicological Information

This material is highly toxic to Daphnia magna (48-hr EC50 <0.42 mg/l).

Chemical Fate Information

This material is not readily biodegradable (10% after 28-days; OECD 301D).

13 DISPOSAL CONSIDERATIONS

Waste Disposal

Incineration is the recommended method for disposal observing all local, state and federal regulations. Note: Chemical additions to, processing of, or otherwise altering this material may make this waste management information incomplete, inaccurate, or otherwise inappropriate. Furthermore, state and local waste disposal requirements may be more restrictive or otherwise different from federal laws and regulations. Take appropriate measures to prevent release to the environment.

14 TRANSPORT INFORMATION

DOT Name

Non-bulk Domestic:

Not regulated

DOT Technical Name

DOT Hazard Class

UN Number

DOT Packing Group

PG

RQ

Marine Pollutant

Yes

DOT Special Information

Bulk and non-bulk International:

Environmentally hazardous substance, liquid, n.o.s.

(n-Octanethiol), 9; UN3082; PGIII; MP

Domestic Bulk:

Combustible liquid, n.o.s.

(n-Octanethiol), 3; NA1993; PGIII; MP

15 REGULATORY INFORMATION

Hazard Categories Under Criteria of SARA Title III Rules (40 CFR Part 370)

Immediate (Acute) Health Y

Fire

N

Delayed (Chronic) Health N

Reactive

N

Sudden Release of Pressure

N

The components of this product are all on the TSCA Inventory list.

Product Code: 001482

Revision: 13 Issued:02 MAR 2007

Page 5



Material Safety Data Sheet

Arkema Inc.

Ingredient Related Regulatory Information:

SARA Reportable Quantities

n-Octanethiol

CERCLA RQ

SARA TPQ

NE

Massachusetts Right to Know

This product does contain the following chemicals(s), as indicated below, currently on the Massachusetts Right to Know Substance List.

n-Octanethiol

New Jersey Right to Know

This product does contain the following chemical(s), as indicated below, currently on the New Jersey Right-to-Know Substances List. n-Octanethiol

Pennsylvania Right to Know

This product does contain the following chemical(s), as indicated below, currently on the Pennsylvania Hazardous Substance List. n-Octanethiol

16 OTHER INFORMATION

Revision Information

Revision Date

02 MAR 2007

Revision Number 13

Supercedes Revision Dated

30-DEC-2005

Revision Summary

Revised HEIS, revised sections 3,11,12.

Key

NE= Not Established NA= Not Applicable (R) = Registered Trademark

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Product Code: 001482 Revision: 13 Issued:02 MAR 2007 Page 6 of 6

EPAHO082001470

Katoen Nostie (KW - Laporse) _ Non Bulk Disposal

Rineco

819 Vulcan Road -- Haskell P.O. Box 729, Benton, AR

Office (501) 778-9089 Fax (501) 776-2864

Prepared by:

Misty Duncan

FOR OFFICE USE ONLY

Account Rep:

Michael Jaskowiak

Region: S02 Profile #: 0906-10141

Broker Rep #:

Broker Profile ID:

CES Environmental Serv

Special Instructions: No Create Date: 6/9/2009

Walk Through:

Last Cert Date: 6/9/2009 Expiration Date: 6/9/2010

Status: Approved -- Rineco Processing

I. WASTE MATERIAL PROFILE SHEET

In accordance with the Federal and State regulations, it is necessary for the Generator of hazardous waste to properly identify the waste for their records as well as to supply the disposal facility with the information necessary to handle the waste. The information outlined below must be complete, and signed by the generator. PLEASE PRINT LEGIBLY OR TYPE.

Generator Name:

Address:

Kateon Natie

10925 Hwy 225

USEPA I.D. No.

TXCESQG37015

State I.D. No.

Phone:

713-676-1460

713-676-1676 Fax:

Houston, TX 77571

Title:

Technical Contact:

Joy Baker

24 hour Phone:

24 Hour Emergency Contact:

Is this material located or generated in a foreign country?

No

Foreign Address:

II. GENEKAL INFORMATIOF	II.	GENERAL	INFORMATION
-------------------------	-----	----------------	-------------

Material Name: Methyl Ethyl Ketone Containing Black Ink Source Code:

Yes

A. Does waste exhibit the characteristic of ignitability as defined in 40 CFR 261.21?

No

B. Does waste exhibit the characteristic of corrosivity as defined in 40 CFR 261.22?

No

C. Does waste exhibit the characteristic of reactivity as defined in 40 CFR 261.23?

No

D. Is waste a spent solvent as defined in 40 CFR 261.31?

Yes

E. Is waste a discarded chemical product, off spec, container or spill residues as defined in 40 CFR 261.33?

Detailed description of process generating waste:

unused material

Anticipated Monthly Volume:

2 drums per year (1 gallon containers inside drum)

III. MATERIAL COMPOSITION					IV. PHYSICAL (CHARACTE	RISTI	CS
		Concentr	ation		Physical State:	Liquid		
COMPONENT	 Min	Max	Actual	PPM	Free Liquid:	Yes		
Methyl Ethyl Ketone, cas #78-93-3	90.00	99.00			Viscosity:	Low		
Carbon Black Ink	 1.00	10.00			Layers:	Single		
					Odor:	Mild		
					Flash Point:	< 73F		
					BTU:			
					pH Level:	NA		
					Actual pH: Density:			
					V. OTHER CHAI	RACTERIST	ICS	
					No Explosiv	/e	No	Dioxin
					No Radioac	tive	No	Shock Sensitive
					No Sulfide		No	PCB
					No Etiologi	cal	No	Cyanide
					No Pyrophe	oric	No	Water Reactive

VI. SHIPPING INFORMATION

Profile #: 0906-10141

DOT Hazardous Material:

Hazard Class and Division: 3

Yes

ER Guide #:

Proper Shipping Name:

Waste Methyl Ethyl Ketone

RQ: No

If Yes:

UN or NA: UN1193

127

Addl. Info:

Packaging Group: Il

USEPA HAZARDOUS WASTE:

D001

Waste I.D. Numbers: U159

VII. INDICATE IF THIS WASTE CONTAINS ANY OF THE FOLLOWING CHARACTERISTICS as defined by 40 CFR 261.24. Check only if waste exceeds regulatory threshold levels and include analytical date if available.

Constit	uent	Regulatory level PPM	TCLP PPM	Total PPM	Know ledge Constitu	ent	Regulatory level PPM	TCLP PPM	Total PPM	Know ledge
D004	Arsenic	5.0			D024	m-Cresol	200.0			
D005	Barium	100.0			D025	p-Cresol	200.0			
D006	Cadmium	1.0			D026	Cresol	200.0			
D007	Chromium	5.0			D027	1,4,Dichlorobenzene	7.5			
D008	Lead	5.0			D028	1,2,Dichloroethane	0.5			
D009	Mercury	0.2			D029	1,1 Dichloroethylene	0.7			
D010	Selenium	1.0			D030	2,4 Dinitrotoluene	0.13			
D011	Silver	5.0			D031	Heptachlor	0.008			
D012	Endrin	0.02			D032	Hexachlorobenzene	0.13			
D013	Lindane	0.4			D033	Hexachlorobutadiene	0.5			
D014	Methoxychlor	10.0			D034	Hexachloroethane	3.0			
D015	Toxaphene	0.5			D035	Methyl Ethyl Ketone	200.0			
D016	2,4 Dichlorophenoxyacetic acid	10.0			D036	Nitrobenzene	2.0			
D017	2,4,5 TP Silvex	1.0			D037	Pentachlorophenol	100.0			
D018	Benzene	0.5			D038	Pyridine	5.0			
D019	Carbon Tetrachloride	0.5			D039	Tetrachloroethylene	0.7			
D020	Chlordane	0.03			D040	Trichloroethylene	0.5			
D021	Chlorobenzene	100.0			D041	2,4,5 Trichlorophenol	400.0			
D022	Chloroform	6.0			D042	2,4,6 Trichlorophenol	2.0			
D023	o-Cresol	200.0			D043	Vinyl Chloride	0.2			

- VIII. Benzene Waste Operations NESHAP Generator Certification. Complete only if D018 and/orU019 appear in section 6 (shipping information).
- Is this waste generated by an industry with any of the following SIC Codes: 2911,2800-2899,3312 or 4953? 1.
- 2. Does this stream have Benzene concentration of 10ppm or more?
- Does this stream contain greater than 10% moisture? 3.
- Is this company's Total Annual Benzene (TAB) of 10Mg or greater per year?
- Is NESHAP form required?

Signature:

Print Name:

RTIFICATION: THIS CERTIFICATION IS REQUIRED FOR EACH PROFILE.

Rineco 819 Vulcan Road- P.O. Box 729, Ben								Page 1 of 2
Office (501) 778-9 Fax (501) 778-0	089					Prepared By:		
I. WASTE MA	TERIAL PR	OFILE S	HEET			· · · · · · · · · · · · · · · · · · ·		
In accordance with	n the Federal a	nd State n	egulations,	it is necessar	y for the Gene	rator of hazardo	us waste to	properly identify the waste for their records
as well as to supp	bly the disposal	facility wi	th the infor	mation neces	sary to handle	the waste. The ir	nformation o	outlined below must be complete, and signed
and signed by the								
Generator Name:	Katoen Natio	•				USEPA I.D. No		
Address:	10925 Hwy 2	25				State I.D. No.	CES	Q 6
	Houston, TX	77571				Phone:	713-676-14	460
Technical Contact			Joy Bal	er		Fax:	713-748-80	564
24 hour Emergend	y Contact					Title:	Agent for G	Senerator
is this material locate	d or generated in	a foreign c	ountry?	N		_24 hour Phone:		
Foreign Address:		· · · · · · · · · · · · · · · · · · ·				Generator Refe	rence Num	·
•						-		
II. GENERAL I	NFORMAT	ION			· · · · · · · · · · · · · · · · · · ·			
Material Name					Methyl Ethyl	Ketone contain	ing carbon	black ink
Yes No								
				_	-	ed in 40 CFR 26		
IH H					-	ed in 40 CFR 26 ed in 40 CFR 261		
				efined in 40 CI	-	60 III 40 CFR 20	1.231	
IH H		•				or spill residues	as defined i	n 40 CFR 261.33 ?
Detailed description					materia	\ '	20 00111100 1	11 TO OT IT 20 1.00 .
				<u> MITOURSOC</u>		 		
	Anticipated			3 dru	ms /yr			
Buik: (Drum:	☑ Ot	her: 💢	Explain:		elm con	tainers	inside drum
III. MATERIAL	COMPOSI	TION						
			oncentra	ion		IV. PHYSICAL	CHARACTI	
Compo	nent	Min	Max	Actual	PPM	Physical State:	Solid _	Semi-solid Liquid 🗹
MEK		90.0%	99.0% 10.0%			Free Liquid:	Yes [V	
carbon Black ink		1.0%	10.0%			Viscosity:	7	
					-	Odor:	Single -	Mild Strong 🗸
					İ			
						Rash Point:	<73F ✓	73F-140F
		<u></u>				1000	140F-200F	>2007
] (25)	_	_
						Density:	Actual pH:	BTU:
						1		
						V. OTHER CHA		
						Yes	No	Yes No
				L		Explosive Radioactiv	ne IJΝ	o Dioxin o Shock Sensitive V No
						Sulfide	 ✓N	o ∏PCB ☑No
					 	Etiological	」 I	

<u>VI. SHIPPING INFORMAT</u>	ION				Page 2	of 2
DOT Hazardous Material	✓ Yes No	ER Guide Page #_			page 200, Guide 12	7
Proper Shipping Name:	Ethyl Methyl Ketone					
Hazard Class and Division:	3 UN o I	IA UN1193	Packad	ging Group : II		
RQ ✓ Yes No		If Yes Special P	_	66 LBS		
	•	" (CO Openar)		00 200		
		-			····	
LISEDA HAZADDONS WA	OTE. Vac C	Ale C				
USEPA HAZARDOUS WA	L-J	NO FLV	1 200	1.1		
Waste I.D. Numbers:	D001, U159	FLV	600	. П	,	
						
VII. INDICATE IF THIS WA		A OL THE LOUFO	MING CHAR	ACTERISTI	CS	
as defined by 40 CFR 261		d day, also assault to also day			-11-61-	
Check only if waste exceed		Nevers and include		TCLP		Know-
Constituent Level PPM		tge Constituent	Regulatory Level PPM	PPM	Total PPM	ledge
D004 Arsenic 5.000		D024m-Cresol	200.000			
D006 Barlum 100,000		D025p-Cresol	200.000			
D006 Cadmium 1.000		D026 Cresol	200.000			
D007 Chromium 5.000		D027 1,4, Dichloro	7.500			
D008 Lead 5.000		D028 1,2 Dichloro	0.500			· · · · · · · · · · · · · · · · · · ·
D009 Mercury 0.200 D010 Selenium 1.000		D029 1,1, Dichlore D0302,4 Dinitrotol	0.700 0.130			
D011 Silver 5.000	· · · · · · · · · · · · · · · · · · ·	D031 Heptechlor	0.010			
0012 Eleirin 0.020		D032 Hexachlorol	0.130			
D013 Lindene 0.400		0033 Havachlorot	0.500			
D014 Methosychior 10.000		D034 Hexachlorox	3.000			
D015 Toxephene 0.500		0035 Methyl Ethyl	200.000			
D0162.4 Dichloropoheno 10.000 D0172,4,5, TP Silvex 1.000		D036 Nitrobenzen D037 Pentachloro	100.000			
D018 Benzene 0.500		D038 Pyridine	5.000			
0.500 Carbon Tetrachlori 0.500		2039 Tetrachloror	0.700			
D020 Chlordene 0.030		0040 Trichterceth	0.500			
D021 Chairoberzene 100.000		0041 2,4,5 Trichk	406.000			
D022 Chlorolorm 6.000 D023 a-Cresal 200.000		D042 2,4,6 Trichic D043 Vinyi Chloric	0.200			
20.00		DOTO VENJO DI DEL				
VIII. Benzene Waste Oper	rations NESHAP Ger	perator Certification	n.			
Complete only if D018 and						
				es :	No	
1. Is this waste generated by an indust	as with any of the following CV	codes : 2011 2800-2800 33	7	7		
				╡		
2. Does this stream have Benzene con			ř	₹	15	
3.Does this stream contain greater that	n 10% moisture?		Ļ		Image: Control of the control of the	
4. Is this company's Total Annual Banz	tene (TAB) of 10 Mg or greater	per year?	Ĺ		lacksquare	
AUTHORIZATION TO CO	RRECT WASTE MAT	ERIAL PROFILE S	HEET: In the	event Rineco d	etermines that it is r	ecessary
to make corrections on this Wast						,
characterization and/or applicable						zation
Z .	HEGGERI SING SING SINGLES	and regulations. Nineco	Will COINECL IN	Gerigiator and	1000110 0121 0011011	
to make such corrections.		t		hie navoeronh		
Generator 🗹 does 🗆 🗀 es i	not heceby authorize Rin	eco to make such chang	es pursuant to t	nis paragrapn.		
l /		ALL THE ACTIO	ICATION IC	DEOLUBES	COD EACH DO	OEH E
1 1 1	RATOR CERTIFICATI					
l (/ / /	This bove information is t	o be held confidential an	d is true and ac	curate to the be	st of my knowledge	
Signature: Lau	I heen	Date:	(5/2	16109	,	
1	1	=(-)		1111	1000	
Print Name:	FO UKE	>E/\Title:		MANI	TOTK	
					<u></u>	

WC# FLV6203H



Texas Commission on Environmental Quality (TCEQ) One-Time Shipment Request for Texas Waste Code For Shipment of Hazardous and Class 1 Waste

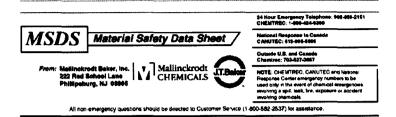
Pursuant to the generator notification requirements of 30 Texas Administrative Code (TAC) Section 335.6, the generator of a solid waste is required to submit to TCEQ detailed written information pertaining to the composition and characteristics of the waste. Please complete all applicable sections. Incomplete forms will delay processing. Assigned waste codes cannot be changed without prior approved from TCEO.

delay processing. Assigned waste codes cannot be changed w	ithout prior	approval from	TCEQ.		соприс ан ар		-		
Generator Contact Person: David Oresen		-							
Generator Company Name: Katoen Na	tie								
Generator Company Name: Katoen Na Generator Mailing Address: 10925 Hw Howston, TD	4 23	-2_							
et, notinoth	יל רר"	71							
Generator Phone No.: (281) 941 - 1008 Generator Fax No.: (281) 941 - 1090									
Texas Solid Waste Registration (SWR) No. (Only If Registered)	U.S. EPA Identification No.								
Generating Site Location: (check if same as above) Must be street address or physical description including zip code)	À(
Designated Treatment, Storage, and/or Disposal Fac	cility na	me and a	ddres	35:					
Fire co, 819 Vulian Rd-Has	ralla	Bento	` , '	AR					
*Only fill out System Type Code if you selected Source Code G25.									
Description of Waste (Do Not Use DOT description or Trade name)	Form	Class		C S S S S S S S S S S S S S S S S S S S	Source	System Type Code*	EPA Waste Code		
1. UN 1193, Ethyl Methyl Ketone, 3, 11	203	3 H		1	611	H061	Doo1, U159		
	Texas Waste Code: (Assigned by TCEQ)								
2.									
	Texas Waste Code: (Assigned by TCEQ)								
Generator/Representative I certify that the above information is complete and accurate to the best of my knowledge. Signature Date									
Company Name: (If different than generator)					*****				
Company Mailing Address:									
Company Phone No.: () Company Fax No.: ()									
Processed Date: Processed By:					TCEQ Regio	n:			

If you have questions on how to fill out this form or about the One-Time Shipment program, please contact us at 512/239-6413. Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 512/239-3282. TCEQ-0757 (Rev. 05/10/2007)

D001, U159 Salety Kleen / Rineso? David Dresen

MSDS Number: M4628 * * * * * Effective Date: 09/11/08 * * * * * Supercedes: 05/19/08



METHYL ETHYL KETONE

1. Product Identification

Synonyms: 2-Butanone; ethyl methyl ketone; MEK; Methyl acetone

CAS No.: 78-93-3 Molecular Weight: 72.11

Chemical Formula: CH3COCH2CH3

Product Codes:

J.T. Baker: 5385, 9214, 9319, 9323, 9414, Q531

Mallinckrodt: 6206, 6233, 6240, 6243

2. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
Methyl Ethyl Ketone	78-93-3	99 - 100%	Yes

3. Hazards Identification

Emergency Overview

DANGER! EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE. HARMFUL OR FATAL IF SWALLOWED. HARMFUL IF INHALED OR ABSORBED THROUGH SKIN. AFFECTS CENTRAL NERVOUS SYSTEM. CAUSES IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT.

SAF-T-DATA^(tm) Ratings (Provided here for your convenience)

Health Rating: 2 - Moderate (Life)

Flammability Rating: 3 - Severe (Flammable)

Reactivity Rating: 1 - Slight Contact Rating: 2 - Moderate

Lab Protective Equip: GOGGLES & SHIELD; LAB COAT & APRON; VENT HOOD; PROPER GLOVES; CLASS B EXTINGUISHER

Storage Color Code: Red (Flammable)

Potential Health Effects

Inhalation:

Causes irritation to the nose and throat. Concentrations above the TLV may cause headache, dizziness, nausea, shortness of breath, and vomiting. Higher concentrations may cause central nervous system depression and unconsciousness.

Ingestion:

May produce abdominal pain, nausea. Aspiration into lungs can produce severe lung damage and is a medical emergency. Other symptoms expected to parallel inhalation.

Skin Contact:

Causes irritation to skin. Symptoms include redness, itching, and pain. May be absorbed through the skin with possible systemic effects.

Eye Contact:

Vapors are irritating to the eyes. Splashes can produce painful irritation and eye damage.

Chronic Exposure:

Prolonged skin contact may defat the skin and produce dermatitis. Chronic exposure may cause central nervous system effects.

Aggravation of Pre-existing Conditions:

Persons with pre-existing skin disorders or eye problems or impaired respiratory function may be more susceptible to the effects of the substance.

4. First Aid Measures

Inhalation:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion:

Aspiration hazard. If swallowed, vomiting may occur spontaneously, but DO NOT INDUCE. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Never give anything by mouth to an unconscious person. Call a physician immediately.

Skin Contact:

Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Eye Contact:

Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention.

5. Fire Fighting Measures

Fire:

Flash point: -9C (16F) CC Autoignition temperature: 404C (759F) Flammable limits in air % by volume: lel: 1.4; uel: 11.4 Extremely Flammable.

Explosion:

Above flash point, vapor-air mixtures are explosive within flammable limits noted above. Vapors can flow along surfaces to distant ignition source and flash back. Contact with strong oxidizers may cause fire. Sealed containers may rupture when heated. Sensitive to static discharge.

Fire Extinguishing Media:

Dry chemical, foam or carbon dioxide. Water spray may be used to keep fire exposed containers cool, dilute spills to nonflammable mixtures, protect personnel attempting to stop leak and disperse vapors.

Special Information:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. This highly flammable liquid must be kept from sparks, open flame, hot surfaces, and all sources of heat and ignition.

6. Accidental Release Measures

Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer! If a leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop leak, and to flush spills away from exposures. US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802.

J. T. Baker SOLUSORB® solvent adsorbent is recommended for spills of this product.

7. Handling and Storage

Protect against physical damage. Store in a cool, dry well-ventilated location, away from any area where the fire hazard may be acute. Outside or detached storage is preferred. Separate from incompatibles. Containers should be bonded and grounded for transfers to avoid static sparks. Storage and use areas should be No Smoking areas. Use non-sparking type tools and equipment, including explosion proof ventilation. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

8. Exposure Controls/Personal Protection

Airborne Exposure Limits:

-OSHA Permissible Exposure Limit (PEL):

200 ppm (TWA)

-ACGIH Threshold Limit Value (TLV):

200 ppm (TWA), 300 ppm (STEL)

Ventilation System:

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details. Use explosion-proof equipment.

Personal Respirators (NIOSH Approved):

If the exposure limit is exceeded and engineering controls are not feasible, a full facepiece respirator with organic vapor cartridge may be worn up to 50 times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. For emergencies or instances where the exposure levels are not known, use a full-facepiece positive-pressure, air-supplied respirator. WARNING: Air purifying respirators do not protect workers in oxygen-deficient atmospheres.

Skin Protection:

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Butyl rubber is a suitable material for personal protective equipment.

Eye Protection:

Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

9. Physical and Chemical Properties

Appearance: Clear, colorless liquid. Odor: Sharp mint-like odor. Solubility: 29 g in 100 g of water Specific Gravity: 0.81 @ 20C/4C pH: No information found. % Volatiles by volume @ 21C (70F): 100 **Boiling Point:** 80C (176F) **Melting Point:** -86C (-123F) Vapor Density (Air=1): Vapor Pressure (mm Hg): 78 @ 20C (68F) Evaporation Rate (BuAc=1): 2.7 (Ether = 1)

10. Stability and Reactivity

Stability:

Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products:

Carbon dioxide and carbon monoxide may form when heated to decomposition

Hazardous Polymerization:

Will not occur.

Incompatibilities:

Oxidizing materials, caustics, amines, ammonia, strong bases, chloroform, chlorosulfonic acid, oleum, potassium-t-butoxide, heat or flame, hydrogen peroxide, nitric acid. Can attack many plastics, resins and rubber.

Conditions to Avoid:

Heat, flames, ignition sources and incompatibles.

11. Toxicological Information

Toxicological Data:

Oral rat LD50: 2737 mg/kg; inhalation rat LC50: 23,500 mg/m3/8-hr; skin rabbit LD50: 6480 mg/kg; investigated as a mutagen, reproductive effector. Reproductive Toxicity:

Has shown teratogenic effects in laboratory animals.

12. Ecological Information

Environmental Fate:

When released into the soil, this material may leach into groundwater. When released into the soil, this material may evaporate to a moderate extent. When released into water, this material may biodegrade to a moderate extent. When released into water, this material may evaporate to a moderate extent. When released into water, this material is expected to have a half-life between 10 and 30 days. This material is not expected to significantly bioaccumulate. When released into the air, this material is expected to be readily degraded by reaction with photochemically produced hydroxyl radicals. When released into the air, this material is expected to have a half-life between 1 and 10 days.

Environmental Toxicity:

This material is not expected to be toxic to aquatic life. The LC50/96-hour values for fish are over 100 mg/l.

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved incinerator or disposed in a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport Information

Domestic (Land, D.O.T.)

Proper Shipping Name: ETHYL METHYL KETONE

Hazard Class: 3 UN/NA: UN1193 Packing Group: II

Information reported for product/size: 366LB

International (Water, I.M.O.)

Proper Shipping Name: ETHYL METHYL KETONE

Hazard Class: 3 UN/NA: UN1193 Packing Group: II

Information reported for product/size: 366LB

15. Regulatory Information

F. Xi

R11 - Highly flammable R36 - Irritating to eyes

R66 - Repeated exposure may cause skin drying or cracking

R67 - Vapours may cause drowsiness or dizziness

S2 - Keep out of the reach of children

S9 - Keep container in a well-ventilated place

S16 - Keep away from sources of ignition - No smoking

\Chemical Inventory Status - Part Ingredient		TSCA		Japan	Australia			
Methyl Ethyl Ketone (78-93-3)					Yes			
\Chemical Inventory Status - Part	2\			 anada				
Ingredient		Korea		NDSL	Phil.			
Methyl Ethyl Ketone (78-93-3)		Yes		No				
Ingredient								
Methyl Ethyl Ketone (78-93-3)	No	No	Ye	g	No			
\Federal, State & International Re	CERCL	.A	-RCRA	T 3 8	SCA- (d)			
Methyl Ethyl Ketone (78-93-3)			U159 NO					

Chemical Weapons Convention: No TSCA 12(b): No Chronic: Yes Fire: Yes Pressure: No SARA 311/312: Acute: Yes Reactivity: No (I (Pure / Liquid)

Australian Hazchem Code: 2[Y]E

Poison Schedule: S5

WHMIS:

This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

16. Other Information

NFPA Ratings: Health: 1 Flammability: 3 Reactivity: 0

Label Hazard Warning:

DANGER! EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE, HARMFUL OR FATAL IF SWALLOWED. HARMFUL IF INHALED OR ABSORBED THROUGH SKIN. AFFECTS CENTRAL NERVOUS SYSTEM. CAUSES IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT.

Label Precautions:

Keep away from heat, sparks and flame.

Keep container closed.

Use only with adequate ventilation.

Wash thoroughly after handling.

Avoid breathing vapor.

Avoid contact with eyes, skin and clothing.

Label First Aid:

Aspiration hazard. If swallowed, vomiting may occur spontaneously, but DO NOT INDUCE. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Never give anything by mouth to an unconscious person. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In all cases, get medical attention.

Product Use:

Laboratory Reagent.

Revision Information:

MSDS Section(s) changed since last revision of document include: 3, 15.

Disclaimer:

Mallinckrodt Baker, Inc. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. MALLINCKRODT BAKER, INC. MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS. ACCORDINGLY, MALLINCKRODT BAKER, INC. WILL NOT BE RESPONSIBLE FOR DAMAGES RESULTING FROM USE OF OR RELIANCE UPON THIS INFORMATION.

Prepared by: Environmental Health & Safety Phone Number: (314) 654-1600 (U.S.A.)

EPAHO082001481

- Higman Marine Services Tugboat Clean Randy Laughlin
coll: 409-988-3163
fax: 409-883-5661
try boats
try boats
Agmin Barge Shes
Ovang TX



4904 Griggs Road Houston, TX 77021 Office (713) 800-7908 Fax (713) 748-8664

Fax

To: Randy Langhlin

Fax: 409-883-5661 Pages: 3

Re: Tusboat Clean Date: 7/2/09

Randy Attached 3 a quote for the
try clean. If you have any
questions, please call. Thx!

Jay 281-701-8571



4904 Griggs Road Houston, TX 77021 Phone: 713-676-1460 Fax: 713-676-1676

July 2, 2009

Randy Laughlin Higman Marine Services Orange, TX

Re: Tugboat Engine Room Cleaning

Dear Mr. Laughlin:

CES Environmental Services appreciates the opportunity to present to you our proposal for the cleaning of the engine room in a tugboat at your facility in Orange, Texas. Please find below our proposed scope of service and associated pricing for your consideration.

CES will need BTEX and TCLP RCRA 8 metals run on a representative sample of the oily sludge prior to profile approval.

Scope of Service

The estimated time and materials quoted in this proposal assumes the removal of approximately 500 gallons of oily sludge from the engine room of a tugboat. CES will provide an air mover with operators to remove the residual sludge from the tugboat and any rinse waters generated.

- CES will provide a field service supervisor and two technicians to oversee the removal of the oily wastes in the engine room of the tugboat including removing the floor covering and pressure-washing the area below.
- CES will provide a pressure washer, PPE, and hoses to aid in the completion of the job.
- CES will prepare the profile documents on all wastes managed.
- CES will arrange for the disposal on wastes managed to include the transportation of the wastes.
- CES will provide for the manifest or bill of lading, labels, and appropriate shipping documents.
- It is assumed that Higman Marine maintains a current Coast Guard over-the-water permit and has the required emergency and confined space rescue equipment available on-site. If this is not the case, CES can transport our Coast Guard Emergency response trailer to Higman Marine at an additional cost of \$500 per day.

Estimated Costs for Completion of Work

Description of Service	Estimated Price	Estimated quantity	Total
Recycling of NonHazardous Oily water	\$0.18 per gallon	1,000 gal	\$180.00
Field Service Supervisor w/ truck	\$70 per hour	12 hours	\$840.00
2 Field Service Technicians	\$60 per hr/2 men	12 hours	\$720.00
Air Mover w/Operator	\$115 per hour	12 hours	\$1,380.00
Absorbent Pads	\$50 per bundle	1 bundle	\$50.00
Drum & Disposal of Pads	\$70 per drum	1 drum	\$70.00
Air Mover Washout	\$150 per washout	1 washout	\$150.00
Fuel Surcharge	9.5% of transportation		\$157.70
PPE (3 men)	\$75 per 3 men/day	3 days	\$225.00
Compliance Fee	1% of total		\$40.80
Estimated Total (if sludge has free oil)			\$4,346.20

Conditions/Assumptions

- The above pricing is based on time and materials, the customer's invoice will reflect the actual quantities utilized on the project.
- All equipment utilizing motor fuel is subject to a 4-hour minimum and fuel surcharge based on the current market price of motor fuel. As of the date of this proposal, the current fuel surcharge rate is 9.5%.
- A compliance surcharge of 1% is assessed on the total invoice based on compliance filing fees from federal and or state governments.

It is our sincere hope that you find our proposed scope of service and associated pricing appealing and will consider utilizing the services offered by CES Environmental Service, Inc. If you have any questions or comments or would like to begin service, please feel free to contact me at 281-701-8511.

Sincerely,

Joy Baker



4904 Griggs Road Houston, TX 77021 Phone: 713-676-1460 Fax: 713-676-1676

January 29, 2009

Jim Wilson Kinder Morgan – Penn City Road location Houston, Texas 77015

Re: Quote for Tugboat Containment Pan Recyclable Oily Water Removal

Dear Mr. Wilson:

CES Environmental Services appreciates the opportunity to present to you a proposal for our cleaning services and the management of your material. Please find below our proposed scope of service and associated pricing for your consideration.

Scope of Service

- CES will provide transportation & product management of the material from the generator's facility in Houston, TX to our facility in Houston, TX.
- CES will empty and clean the containment areas of the tugboats.
- CES will provide for the profile, manifests or bills of lading, labels, and appropriate shipping documents.

Estimated Costs for Completion of Work

estimated Costs for Completion of Work			
Recycling of Non Hazardous Oily Water (Apprx 1500 gallons per tug)	\$0.18	per gal	\$2,430.00
Vacuum Trailer (Trailer will be used 8 hrs a day)	\$65.00	per hour	\$2,340.00
Coast Guard Trailer	\$500.00	per day	\$2,500.00
Tools for Job	\$500.00	total	\$500.00
Person in Charge (PIC) (Total Estimate 8 hrs/day)	\$40.00	per hour	\$1,440.00
2 Technicians (Helpers) (Estimated 2 hours per tug) (Total Estimate 8 hrs/day)	\$28.00	per hour	\$2,016.00
Absorbant Pads (Estimated 9 Bundles Total)	\$50.00	total	\$450.00
Drum for Absorbant Pads (Estimated 3 Needed)	\$35.00	each	\$105.00
Field Service Truck for Empty Drums (Estimated 5 days)	\$150.00	day	\$750.00
Trailer Washout	\$150.00	total	\$150.00
Disposal for Absorbant Pads (3 drums)	\$35.00	drum	\$105.00
Tranportation (Minimum of 4 Hours Day)	\$70.00	per hour	\$1,400.00
Fuel Surcharge (Based on 4 Hours)	12	.5%	\$268.75
Energy Surcharge (Based on Management of Product)	0.0	6%	\$14.58
Compliance Fee (1% Based on the total invoice)	1.0	0%	\$144.70
TAIRMAN THE TAIL AND THE TAIL A			SVEATUS.

Conditions/Assumptions

- Disposal pricing subject to change pending final profile approval and receipt of waste.
- All equipment utilizing motor fuel is subject to a fuel surcharge based on the current market price of motor fuel. As of the date of this proposal, the current fuel surcharge rate is 12.5%.
- An energy recovery fee will be assessed on all disposal based on the current US Department of Labor Producer Price index and Labor for fuels. As of the date of this proposal, the energy recovery fee is .6%.
- A compliance surcharge of 1% is assessed on the total invoice based on compliance filing fees from federal and or state governments.
- This is an estimate of the job. True costs will be reflected on the final invoice and will be based on actual hours and equipment used.

It is our sincere hope that you find our proposed scope of service and associated pricing appealing and will consider utilizing the services offered by CES Environmental Service, Inc. If you have any questions or comments or would like to begin service, please feel free to contact me at 281-785-0764.

Sincerely,

Shannon Ward

Vacuum trailer \$ 65
100 ft hose 200 ft. \$100

Rusch bucket \$50

PIC. (Superism Charlet 35

Management broduct \$121

I helper \$25

Alboritally Rude (1 Bundle \$50

Topins (FSC)

2 ft water by

3 ft 10 de 1

- Spansion General All policinates of destruction of the policy

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Joy Baker

From:

Frisch, Mike [Mike.Frisch@spansion.com]

Sent: To: Friday, May 09, 2008 9:45 AM Joy Baker; Montalvo, Marcel

Subject:

RE: CES Environmental

Attachments:

020608_WS_2008-465.pdf; Bulk Organic Solvent Waste MSDS.doc

Hi Joy – Attached are the MSDS and latest analytical for this stream. We typically ship 17 to 18 tanker trucks out per year (600,000 to 625,000 pounds per year). Please let us know if you find a good home for this stream. We can get you a sample if necessary.

Thanks for following up.

Cheers!

Mike

Mike Frisch, Ph.D., P.E. Member of Technical Staff EHS & Security Spansion Inc.

Mike.frisch@Spansion.com Voice: (512) 934-5459 Mobile: (512) 745-3692 Fax: (512) 634-2670 Christy Lagrange Strong Christy Lagrange Strong Christy Christ

From: Joy Baker [mailto:jbaker@cesenvironmental.com]

Sent: Thursday, May 08, 2008 7:06 PM **To:** Frisch, Mike; Montalvo, Marcel **Subject:** CES Environmental

Mike and Marcel,

Thank you for talking with me at the trade show seminar on recycling waste. We spoke about recycling a stream of ethyl lactate and methyl propyl ketone, I believe? If you have a chance, please send me any more information that you have on this stream (MSD sheets or analytical if available, if not a breakdown of the components).

I enjoyed meeting you both and hopefully we can find a way to manage this stream for you all in a better way. Thanks again,

Joy Baker

CES Environmental Services, Inc 4904 Griggs Rd Houston, TX 77021 mobile: 281-701-8511

fax: 713-676-1676

jbaker@cesenvironmental.com

MATERIAL DATA SAFETY SHEET Spansion LLC – TEXAS OPERATIONS

IDENTITY: Used Organic Solvent

SECTION I - COMPANY IDENTIFICATION

Manufacturer's Name:

Spansion LLC

Address:

5204 E. Ben White Blvd. MS 582

Austin, TX 78741

3E Emergency Telephone Number:

(800) 451-8346

Regulatory Information Number: Date Prepared: 2/2/06

(512) 934-5713 Date Revised: 12/11/07

SECTION II - INGREDIENTS/IDENTITY INFORMATION

Component	CAS#	OSHA 8 hr time weighted average	ACGIH Threshold Limit Value® (TLV®) in	Concentration (wt%)
		(TWA) in ppm	ppm	
Ethyl Lactate	97-64-3	N/A	N/A	<55
Water	7732-18-5	N/A	N/A	<30
Methyl propyl ketone	107-87-9	200	200	<20
Acetone	67-64-1	1000	500	<5
n-Methylpyrrolidone	120-94-5	N/A	N/A	<5
Isopropanol	67-63-0	400	200	<5
Ethanol	64-17-5	1000	1000	<2
Methyl isobutyl ketone	108-10-1	100	50	<2
PGMEA	108-65-6	N/A	N/A	<2
n-Butyl Acetate	123-86-4	150	150	<2
2-2-Aminoethoxyethanol	929-06-6	N/A	N/A	<1
Ethanolamine	141-43-5	3	3	<1
Ethylene glycol	107-21-1	N/A	N/A	<1
Hydroxylamine	7803-49-8	N/A	N/A	<1
Anisole	100-66-3	N/A	N/A	<1
n-Octyl pyrrolidone	2687-94-7	N/A	N/A	<1
Propylene glycol	57-55-6	N/A	N/A	<1
2-ethyl-hexanol	104-76-7			<1
2-heptanone	110-43-0			<1
2-pentanol	6032-29-7			<1
Dimethoxydimethylsilane	1112-39-6			<1
Diethyleneglycol ethyl				<1
ether acetate	112-15-2			

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Physical State:

Liquid

Specific Gravity:

0.90 - 0.97

pH:

4 - 10

Solubility in Water:

Miscible in water

Appearance:

Brown

Odor:

Sweet solvent

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used):

50 - 73 (estimate)

Extinguishing Media:

Water spray, dry chemical, alcohol foam, or carbon

dioxide.

Special Fire Fighting Procedures:

Should wear NIOSH-approved self-contained breathing apparatus with full-face piece and full protective clothing. Water may be used to keep fire-exposed containers cool until fire is out.

Usual Fire and Explosion Hazards:

Never use welding or cutting torch on container,

even empty ones, because product can ignite

explosively.

NFPA Rating:

Health = 2

Flammability = 3Reactivity = 0

SECTION V - REACTIVITY DATA

Stability:

Stable under normal conditions.

Polymerization:

Will not occur

Conditions to Avoid:

High temperatures

Incompatibility (Materials to Avoid): Oxidizers; acids Hazardous Decomposition Products: Carbon dioxide and carbon monoxide may form

when heated to decomposition.

SECTION VI – HEALTH HAZARD DATA

Inhalation:

Inhalation of vapors irritates the respiratory tract. Exposure to high concentrations has a narcotic effect, producing symptoms of dizziness, drowsiness, headache, staggering, unconsciousness and possibly death.

Ingestion:

Can cause drowsiness, unconsciousness, and death. Gastrointestinal pain, cramps, nausea, vomiting, and diarrhea may also result.

Skin Contact:

May cause irritation with redness and pain. Prolonged contact may result in defatting of skin leading to irritation and dermatitis.

Eye Contact:

May cause irritation. Symptoms include stinging, tearing, redness, and

swelling of eyes.

EMERGENCY AND FIRST AID PROCEDURES

Inhalation: Remove immediately to fresh air and summon medical attention. Give

artificial respiration if not breathing. Keep person warm and quiet. Get

medical attention.

Ingestion: Never give anything by mouth to an unconscious person. Get medical

attention immediately on whether or not to induce vomiting.

Eye Contact: Move individual away from exposure and into fresh air. Immediately

flush eyes with running water for at least 15 minutes while holding

eyelids apart. Summon medical attention.

Skin Contact: Immediately flush affected areas with large quantities of water for at

least 15 minutes while removing contaminated clothing and shoes. Summon immediate medical attention. Wash clothing before reuse.

CANCER INFORMATION

This product does not contain any material listed as known or suspect human carcinogens.

NOTE TO PHYSICIAN

Treatment of exposure should be directed at the control of symptoms and the clinical condition. Preexisting disorders of the skin and/or lungs may be aggravated by exposure to this material.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

Spills and Leaks: Only trained personnel should clean up spills. Personnel

should wear full protection. Untrained personnel and persons not wearing protective equipment should be excluded from spill area. Ventilate area of leak or spill. Remove all sources of ignition. Keep spill out of sewers, storm drains, surface waters and soil. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as sawdust. Comply with all applicable government regulations on spill

reporting, handling and disposal of waste material.

Waste Disposal Method: Dispose of in a method appropriate for hazardous waste

solvent; typically incineration by a permitted facility.

Storage and Handling: Store in a cool, dry, well-ventilated area out of direct sunlight.

Use only un-damaged DOT-approved containers. Outside or detached storage is preferred. Separate from incompatibles. Containers should be bonded and grounded for transfers to

avoid static sparks. Storage and use areas should be No Smoking areas. Use non-sparking type tools and equipment, including explosion proof ventilation. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid). Avoid all contact with eyes and skin. Avoid inhalation of vapors or mists. Wear proper protective clothing. Wash thoroughly after handling.

Ventilation:

All handling should be done in a well-ventilated area.

Special:

Workers handling this material should be thoroughly trained in

safety procedures.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: If workplace exposure limits are not adequately controlled,

> wear NIOSH-approved respiratory protection. Supplied air respirator. OSHA regulations also permit air-purifying

respirator under certain conditions.

Recommended local exhaust at points where vapor can be Ventilation:

released into work area. Provide good general ventilation

Protective Gloves:

Neoprene, natural rubber or nitrile gloves

Use chemical safety goggles and/or a full face shield where Eye Protection:

splashing is possible. Maintain eye wash station and quick-

drench facilities in work area.

Suitable protective clothing to prevent skin contact Other Protective Clothing:

> including apron, safety shoes, and long-sleeved shirt and trousers, as appropriate, to prevent skin contact. Neoprene,

natural rubber or nitrile material is recommended.

Avoid skin contact. Wash hands, arms, and face after Work/Hygienic Practices:

handling chemical materials.

SECTION IX - NOTICE

The data contained herein is based on information that Spansion LLC believes to be reliable. No expressed or implied warranty is made with regard to the accuracy of such data or its suitability for a given situation.

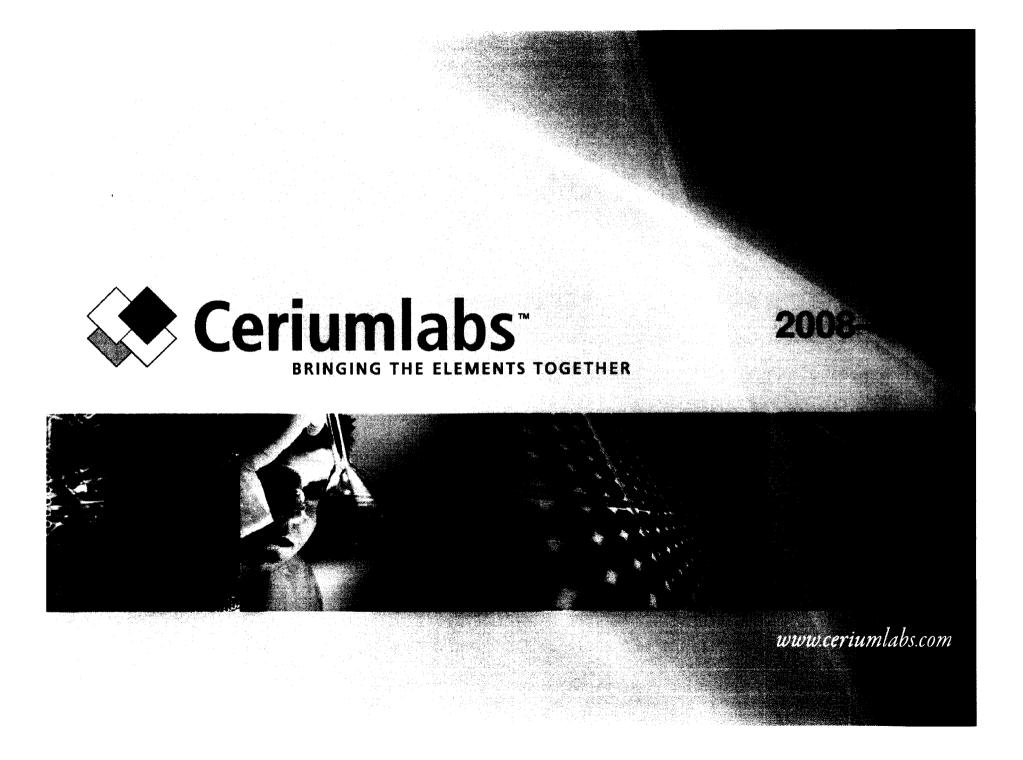
SECTION X – TRANSPORTATION

DOT Shipping Name: Flammable Liquid, n.o.s. (ethyl lactate, methyl propyl ketone)

DOT Hazard Classification: 3

DOT Hazard Identification Number: UN1993

DOT Packing Group: II



Organics and Moisture Analysis for Waste Solvent

Mike Frisch / Spansion

Arefa Vohra 2/13/08

Cerium Labs, LLC 5204 E. Ben White Blvd., MS 512 Austin, TX 78741 1.866.770.7752

2008-465: ATD-GCMS: Organics & Moisture Analysis for Waste

Objective:

Identify and quantify organics found in a waste solvent sample from Tank #1. Perform moisture analysis for the same sample.

Sample Description:

Sample	Tests Requested
Waste Solvent from Tank #1	Organics & Water Content

Notes: Ethyl lactate was the most abundant organic compound found, followed by 2-pentanone.

2008-465: ATD-GCMS: Organics & Moisture Analysis for Waste S

Moisture Analysis:

Analytical Equipment Used: Mettler DL31 Karl Fischer Titrator

Organics:

Analytical Equipment Used: Perkin-Elmer ATD 400, Perkin-Elmer AutoSystem XL GC, Perkin-Elmer TurboMass MS, Supelco Equity 1 column (30m x 0.25mm x 1.0um film), Supelco Tenax TA glass tubes, Hamilton 10µL syringe #1701, Branson 3200 Ultrasonic bath.

<u>Software</u>: TurboMass Version 4.1.1, NIST Mass Spectral Search Program Version 1.5a, NIST/EPA/NIH Mass Spectral Library

<u>Programs</u>: ATD = 10min @ 250C (desorb); GC = 4min @ 40C, 10C/min to 300C, hold 5min; MS = EI+, 30-530amu @ 0.45sec per scan.

<u>Injection</u>: A known amount of solvent was dissolved in methanol, and a microliter of diluted sample was injected into a tenax tube for GC analysis.

2008-465: ATD-GCMS: Organics & Moisture Analysis for Waste

Specific Gravity

Sample	Specific Gravity (g/ml)
Waste Solvent	0.96612

Water Content

Sample	Water Content (% H2O)
Waste Solvent	7.85

2008-465: ATD-GCMS: Organics & Moisture Analysis for Waste

Organics Results

Compound	R.T.	Waste Solvent (ppm by wt)	Waste Solvent (wt %)
ethanol	2.30	1254.	0.13
acetone	2.53	2176.	0.22
2-propanol	2.64	10323.	1.03
2-pentanone	6.37	136699.	13.7
methyl isobutyl ketone (MIBK)	7.87	5085.	0.51
ethyl pyruvate	9.29	885.	0.09
ethyl lactate	9.78	567713.	56.8
methoxy triglycol acetate	11.00	3435.	0.34
2-heptanone	11.58	1755.	0.18
methoxybenzene	12.26	841.	0.08
trimethylurea	12.68	571.	0.06
Total (ppm by wt)		730737 ppm	73.07%
TC		570000 ppm	57.0%
TOC		570200 ppm	57.02%

All results are expressed in units of micrograms per liter (μ g/L) of sample.

RT = Retention time of each compound on the GC column in minutes. "---" indicates that the compound is not present in the sample.

Note that concentration values are only estimates based upon a sensitivity factor determined by analyzing a known concentration of dodecane standard.

Thank you.

The analyses contained in this presentation apply only to the samples analyzed.

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www.ceriumlabs.com

SHIPPER'S DECLARATION FOR DANGEROUS GOODS

Shipper Spansion 5204 East Ben White Blvd Austin, TX 78741

Air Waybill No. 863570480141

1 of 1 Pages

Shipper's Reference Number (optional)

Page

WARNING

Consignee CES Env. Serv. 4904 Griggs Rd Houston, TX 77021

Fed Exx.

Two completed and signed copies of this Declaration must be handed to the operator.

TRANSPORT DETAILS

This shipment is within the limitations prescribed for:

Airport of Departure

Failure to comply in all respects with the applicable Dangerous Goods Regulations may be in breach of the applicable law, subject to legal penalties.

(delete non-applicable)

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Airport of Destination:

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	UN 1993	Flammable liquid NOS (Ethyl lactate, methyl propyl ketone)	3	II	One fibreboard Box X 1L	305		
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Additional Handling Information

I declare that all applicable air transport requirement have been met.

Emergency Telephone Number 1-800-451-8346

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. I declare that all of the applicable air transport requirements have been met.

INTENDED FOR USE IN OR INCIDENT TO RESEARCH, MEDICAL DIAGNOSIS, OR TREATMENT.

Name/Title of Signatory

David Hill Chem Handler

Place and Date

Spansion Austin

5/13/2,008

Signature (see warning above)

FOR RADIOACTIVE MATERIAL SHIPMENT ACCEPTABLE FOR PASSENGER AIRCRAFT, THE SHIPMENT CONTAINS RADIOACTIVE MATERIAL

159414 REV 1/05 MWI

SHIPPER'S DECLARATION FOR DANGEROUS GOODS

Shipper Spansion 5204 East Ben White Blvd

Air Waybill No. 863570480141

of 11

Austin, TX 78741

Shipper's Reference Number

Consignee

CES Env. Serv. 4904 Griggs Rd Houston, TX 77021 Fed Exx.

Two completed and signed copies of this Declaration must be handed to the operator.

WARNING

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TRANSPORT DETAILS

This shipment is within the limitations prescribed for: (delete non-applicable)

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Additional Handling Information

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Name/Title of Signatory

David Hill Chem Handler

Place and Date

Spansion Signature

(see warning above)

13/2008

FOR RADIOACTIVE MATERIAL SHIPMENT ACCEPTABLE FOR PASSENGER AIRCRAFT, THE SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN OR INCIDENT TO RESEARCH, MEDICAL DIAGNOSIS, OR TREATMENT.

159414 REV 1/05 MW

SHIPPER'S DECLARATION FOR DANGEROUS GOODS

Shipper

Spansion

5204 East Ben White Blvd

Austin, TX 78741

Consignee

CES Env. Serv. 4904 Griggs Rd

Houston, TX 77021

Fed Exx.

Two completed and signed copies of this Declaration must be handed to the operator.

TRANSPORT DETAILS

This shipment is within the limitations prescribed for:

(delete non-applicable)

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PASSENGER AND CARGO AIRCRAFT

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Failure to comply in all respects with the applicable Dangerous Goods Regulations may be in breach of the applicable law, subject to legal penalties.

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Name/Title of Signatory

David Hill Chem Handler

Place and Date

Spansion Austin 5/13/2008 Signature

(see warning above)

FOR RADIOACTIVE MATERIAL SHIPMENT ACCEPTABLE FOR PASSENGER AIRCRAFT, THE SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN OR INCIDENT TO RESEARCH, MEDICAL DIAGNOSIS, OR TREATMENT.

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VEHICLE DISTANCE AND EXPENSE RECORD

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### **HOLIDAYS OBSERVED AROUND THE WORLD**

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National Day	Jul 14	-	<u> </u>	<del> </del>	<b>-</b>		Ť	$\vdash$	<del> </del>		-	<b>-</b>			<b></b>	+
Bastille Day	Jul 14	$\vdash$	<del>                                     </del>		-			<del> </del>	ļ		-	<del>                                     </del>	-			+
National Day	Jul 21	<del> </del>		<u> </u>	Ť	<del> </del>	<del> </del>	-								t
St. James Day	Jul 25		╁┷		<del>                                     </del>		<del> </del>		-		<b></b>		•		<del> </del>	+
Summer Bank Holiday	Aug 3	<del>                                     </del>	$\vdash$		$\vdash$		•	1	<u> </u>		+	<b>_</b>		-		十
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Independence Day	Sep 16	<del>                                     </del>	†	$\vdash$	<u> </u>					•	1	t				†
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Autumnal Equinox Day	Sep 22	<del>                                     </del>	<del>                                     </del>						•	<b>-</b>	1					t
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Day of Reformation	Oct 31					•										Ι
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Anniversary of the Revolution	Nov 20	ļ		-	-	ļ				•	-	<del>                                     </del>				+
Labor Thanksgiving	Nov 23								•	NVIII (						+
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Christman Day	Dec 25			•						•	•					+
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St. Stephen's Day	Dec 26	<b>.</b>	120-30			•	•		Paris la		+ -	+-	•	10 Sept 2/2	1 1 1 1 1	+

### Indicates Holidays that are shown in all Day-Timer Diaries.

^{*} Jewish and Islamic Holidays are celebrated by members of that faith in all countries.

2009	PLANNING	CALE	NDAR 2009
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DATE	FEBRUARY - DATE EACH ITEM	DATE	AUGUST - DATE EACH ITEM
DATE	MARCH - DATE EACH ITEM	DATE	SEPTEMBER - DATE EACH ITEM
DATE	APRIL - DATE EACH ITEM	DATE	OCTOBER - DATE EACH ITEM
DATE	MAY - DATE EACH ITEM	DATE	NOVEMBER - DATE EACH ITEM
DATE	JUNE - DATE EACH ITEM	DATE	DECEMBER - DATE EACH ITEM

## **PLANNING CALENDARS**

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# **PLANNING CALENDARS**

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### **HOLIDAYS OBSERVED AROUND THE WORLD**

Independence Day

Jul 4

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National Foundation Day	Feb 11	<b>†</b>		<u> </u>		<u> </u>	Linguigo di Soni		•					100000		20025071
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residents' Day	Feb 16										Last				•	
Yashkenint's Birthday	Feb 22														•	
Ash Wedningay St. Pablick's Bay	Feb 25														•	
St. Patrick Clay	Mar 17						•								•	
St. Joseph's Day	Mar 19							•					•			
uarez' Birthday	Mar 21	<u> </u>								•		<u> </u>				
Daylight Saving Time Begins	Apr 5			•											•	
'alm Sunday	Apr 5	•	•	•	•	•	• :	. ( .		•		•	•	•	•	
Maundy Thursday	Apr 9		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			ļ				MARKET VOICE II.			•	2021000	a rybit sango	
'nescover'	Apr 9												<u> </u>		<u> </u>	<u> </u>
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Greenery Day	Apr 29				<del>                                     </del>	+		1200	•				W			
Queen's Birthday	Apr 30	-					-		<b>├</b> -		-	<del></del>	+	<del> </del>	┼	
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May Day	May 4					1	•		37.522.5.							
Children's Day	May 5								•							
lational Day of Prayer	May 7		1.3					1,6-0							•	
Nother's Day	May 10			•								27%			•	
/ictoria Day	May 18		100	•		1										
Ascension Day	May 21		•	100	•	•				L	•			•		
Nemorial Day	May 25					ļ						1100			•	
Spring Bank Holiday	May 25		ļ				•			Term.						
Shavuot *	May 29			1	1			1				1			•	
Vhitsunday (Pentecost)	May 31	ļ	•	•	•	•	•	•		•	•	•	•	•	•	<u> </u>
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Sts. Peter & Paul Day	Jun 29	1	<del>                                     </del>	† -	+	<u> </u>		•					•			
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## **Metric Equivalents**

MEASURE OF VOLUME         1 cu. centimeter
1 cu. inch       16.39 cu. centimeters         1 cu. decimeter       0.0353 cu. foot         1 cu. foot       28.317 cu. decimeters         1 cu. yard       0.7646 cu. meter         1 cu. meter       0.2759 cord         1 cord       3.625 steres         1 liter       0.908 qt. dry       1.0567 qts. liq.         1 quart dry       1.101 liters         1 quart liquid       0.9463 liter         1 dekaliter       2.6417 gals       1.135 pks
1 cu. decimeter
1 cu. foot
1 cu. yard
1 cu. meter
1 cord
1 liter0.908 qt. dry1.0567 qts. liq. 1 quart dry
1 quart dry
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1 dekaliter2.6417 gals1.135 pks.
1 gollon 0 2705 dokalitar
gallon
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1 hektoliter2.8378 bushels
1 bushel0.3524 hektoliter
WEIGHTS
1 gram0.03527 ounce
1 ounce28.35 grams
1 kilogram2.2046 pounds
1 pound
1 short ton (U.S.)2000 pounds
or 0.907 metric ton
1 long ton (English)2240 pounds
or 1.016 metric tons
1 metric ton2204.6 pounds
or 1.102 short tons (U.S.)
or 0.98421 long ton (English)

### **U.S. Measures**

LIQUID MEASURE	CUBIC MEASURE
4 gills1 p	int 1,728 cu. in1 cu. ft.
2 pints1 qu	art 27 cu. ft1 cu. yd.
4 quarts1 gall	on 128 cu. ft1 cord (wood)
31½ gallons1 bar	rel 40 cu. ft1 ton (shipping)
LONG MEASURE	2,150.42 cu. in1 standard bu.
12 inches1 fo	ot 231 cu. in1 U.S. standard gal.
3 feet1 ya	1 ou ft should 4/ of a bushel
5½ yards1 r	
40 rods1 furlo	ng 2 pints1 quart
8 furlongs1 statute m	
3 nautical miles1 leag	ue 4 pecks1 bushel
·	36 bushels1 chaldron

### **Useful Conversions**

To find the diameter of a circle multiply the circumference by .31831.

To find the circumference of a circle multiply the diameter by 3.1416.

### **BIRTHDAYS & ANNIVERSARIES**

DATE JULY - DATE EACH ITEM
DATE AUGUST - DATE EACH ITEM
DATE SEPTEMBER - DATE EACH ITEM
DATE OCTOBER - DATE EACH ITEM
DATE NOVEMBER - DATE EACH ITEM
DATE DECEMBER - DATE EACH ITEM



Safety-Kleen Systems, Inc. **Proposal Development Group** 5360 Legacy Drive Building 2, Suite 100 Plano, TX 75024

March 16, 2009

Ms. Joy Baker **CES** 4904 Griggs Rd. Houston, TX 77021

Re: Metton America

Dear Ms. Baker:

Thank you for considering Safety-Kleen Systems, Inc. (Safety-Kleen) for your waste management needs. I am pleased to provide you with pricing for the attached waste streams. This quotation is based upon the information you have provided.

Safety-Kleen offers a vast spectrum of products and services to manage all your waste processing requirements, the ability to process your waste at or through a Safety-Kleen owned and operated facility, and offers customized solutions that reduce daily involvement in waste management, minimize risks, and contain costs.

To initiate service, please contact Safety-Kleen's Denton Recycle Center. They can reached at 940-483-5200. If you have any questions or need additional assistance, feel free to contact me at 214-505-2011.

Sincerely,

Call: Carol Miller, CSR 940-483-5200 Ken Chauncey will start next week

Mike Reeves Recycle Center Sales Specialist

going to Clean Harbours in OK

Ken Dan Chaunceytaking his place

### PRICING QUOTATION FOR CES FOR METTON AMERICA

### Pricing is effective for one trial load for processing evaluation.

	200 <b>4-4</b> 2003-1		Parameters	Container	
Waste	Required	875026	FBLQ Organic Liquids >9,000	Tanker	\$0.55 per
Dicyclopentad	_		BTUs <3% halogens <10% solids		gallon
iene			<10% water.		

Note: Pricing provided above is based on information provided by the generator. All waste streams must be reviewed and approved by Safety-Kleen in order to confirm the pricing. Safety-Kleen reserves the right to up charge on receipt of non-conforming material including but not limited to costs associated with managing residues, rejected or remanifested loads and all related equipment cleaning.

### **Transportation Fees**

20	
Tanker Transportation to Denton, TX	Provided and paid for by broker
Tanker washout fee (if required)	\$275.00
Demurrage 2 Free Hours	\$75.00/hr. Billed in 1/4 hour increments.

Cancellation Fees: For loads that are cancelled within one business day all cancellation fees will be invoiced.

<u>Special Requirements</u>: Bulk transport and rail cars are subject to a rejection and/or clean out fee for all heels greater than .3% of the total vessel size. This fee may include disposal, transportation, and various handling fees. See additional transportation notes detailed in the General Conditions below.

#### **Waste Fees**

Texas Waste Fees (Hazardous)	\$0.003 per lb.

### **General Conditions**

- 1. Acceptance of this quotation falls under Safety-Kleen's standard terms and conditions or current contract in place.
- 2. A fuel surcharge will apply to this shipment, it will be billed as a separate line item. Fuel surcharges will be adjusted once per month on the first Monday of the month of the ship date. This price will be based on EIA retail On-Highway National Average Diesel Fuel Price (found at <a href="http://www.eia.doe.gov">http://www.eia.doe.gov</a>) for the last Monday of the prior Month.
- 3. Transportation rates include standard equipment and services. Additional charges my be incurred for cancellations, cleaning/washing, detention, expedited shipments, heel removal, extra hose lengths, rejected loads, equipment spotting, load storage, and other accessorial needs. Safety-Kleen reserves the right to invoice for any accessorial charges on separate invoices.

#### PRICING QUOTATION FOR CES FOR METTON AMERICA

- 1) Price is valid for sixty (60) days from the date of this quotation letter.
- 2) Customer agrees to pay the prices for the Services and agrees that payments hereunder are due upon Customer's receipt of an invoice. Amounts due on invoices that are not paid within 30 days are subject to an interest charge equal to the lesser of 1.5% per month (18% per annum) or the maximum rate allowed by law.
- 3) All drummed waste materials are packaged in drums that meet current DOT/UN specifications and are in good condition suitable for transportation by highway. Repackaging or over packing of drums will result in additional costs for labor and Materials, payment for which is the responsibility of the Customer.
- 4) Safety-Kleen's employees or agents may refuse to package and ship any materials that are determined to contain pathological agents, biological wastes, PCB's, dioxins, radioactive wastes, explosives or that possess other hazards that make the waste unsafe for handling or shipping.
- 5) If Customer has a valid and current Universal Services Agreement or Master Services Agreement on file with Safety-Kleen, the terms and conditions of said Agreement shall control in the event there is any conflict with the terms and conditions of this price quotation.
- 6) Customer will submit a separate description ("Material Profile") for each waste material tendered or delivered by Customer to Safety-Kleen ("Waste"). Customer, upon request by Safety-Kleen, will submit with the Material Profile a sample of the Waste described in the Material Profile. Customer acknowledges and agrees that Safety-Kleen bases its testing, evaluation, collection, handling, and processing procedures on the description of the Waste contained in the Material Profile. If Customer is responsible for packaging and marking the Waste, the Waste will be described, coded, packaged and labeled in accordance with all laws, rules, regulations or ordinances applicable to Services ("Applicable Laws"), will conform to the Material Profile provided to Safety-Kleen and will be produced as described in the Material Profile. Customer agrees not to mix the Waste with any other materials (including, without limitation, materials containing PCBs) or otherwise alter the characteristics of the Waste. Customer will inform Safety-Kleen of any process changes that may alter the characteristics of the Waste.
- 7) Provided the Waste is as described in the applicable Material Profile and the Waste is properly packaged, coded, marked and labeled, title, risk of loss and all other incidents of ownership with respect to the Waste will be transferred from Customer to Safety-Kleen at either (i) the time Safety-Kleen takes possess to of, signs for, and removes the Waste from Customer's location or (ii) the time Customer's Waste is delivered to Safety-Kleen. Any marketable or usable material Safety-Kleen may recover from the Waste shall be the sole property of Safety-Kleen.
- 8) Waste will be considered nonconforming waste ("Nonconforming Waste") if it fails to conform to the applicable Material Profile or if any packaging and/or marking provided by Customer is not in accordance with Applicable Laws and requirements provided in advance to Customer by Safety-Kleen. In the event Waste is determined to be Nonconforming Waste, Safety-Kleen may reject or revoke its acceptance of the Waste. The rejection or revocation of acceptance shall be effective immediately upon receipt of notice, verbal or written, by Customer or its agent. Customer and Safety-Kleen will have 7 days to seek an alternative manner of disposition of the Nonconforming Waste, unless it is necessary by reason of law, facility permit or facility operating procedure to move the Nonconforming Waste in less than 7 days. If Customer and Safety-Kleen cannot agree on an alternative manner of disposition within the relevant period, Safety-Kleen shall either return the Nonconforming Waste to Customer or unilaterally determine and arrange for an alternative, lawful manner of disposition. Customer shall pay Safety-Kleen its reasonable expenses and charges for Services provided in relation to such Nonconforming Waste, including analytical work, transportation, storage, repair, replacement, decontamination and cleaning of applicable equipment and Nonconforming Waste charges

- 9) Safety-Kleen agrees to indemnify, hold harmless and defend Customer, its directors, officers, employees and agents from and against any and all liabilities, claims, penalties, forfeitures, suits, and the reasonable costs and expenses incident thereto (including costs of defense, settlement and reasonable lawyers' fees, consultant or other professional fees and the reasonable costs of investigation, containment and cleanup and any remedial actions required by law, regulation or order, including the Comprehensive Environmental Response, Compensation and Liability Act of 1980 or comparable state superfund law (collectively referred to as "Damages"), which Customer may hereafter incur, become responsible for, or pay out as a result of death or bodily injury to any person, destruction or damage to any property, contamination of or adverse effects on the environment, or any violation of Applicable Laws, to the extent that such Damages were caused by: (i) Safety-Kleen's breach of any term or provision of this Agreement; (ii) the failure of any representation or warranty of Safety-Kleen to be true, accurate and complete; or (ii) any negligent act or omission or willful misconduct of Safety-Kleen or its employees or agents.
- 10) Customer agrees to indemnify, hold harmless and defend Safety-Kleen, its directors, officers, employees and agents from and against any and all Damages, which it may hereafter incur, become responsible for, or pay out as a result of death or bodily injury to any person, destruction or damage to any property, contamination of or adverse effects on the environment, or any violation of Laws, to the extent that such Damages were caused by: (i) Customer's breach of any term or provision of this Agreement; (ii) the failure of any representation or warranty of Customer to be true, accurate and complete; or (iii) any negligent act or omission or willful misconduct of Customer or its employees or agents.
- 11) In no event shall either party be liable for any special, indirect, incidental, punitive or consequential damages, whether based in contract, warranty, indemnity or tort, negligence or strict liability.
- 12) Except as provided to Safety-Kleen, Customer holds clear title to all Waste to be transferred hereunder and it is under no legal restraint or order which would prohibit transfer of possession or title to such Waste to Safety-Kleen.
- 13) No delay or failure in performance by either party hereto, except for the payment for Services previously performed, shall constitute default hereunder or give rise to any claim for damages, if, and to the extent, such delay or failure is caused by an occurrence beyond the reasonable control and without the fault or negligence of the party affected and which said party is unable to prevent or provide against by exercise of reasonable diligence, including, but not limited to, acts of God or the public enemy, unavoidable casualties, fires or other catastrophes, strikes or any other considered acts of employees.
- 14) Materials quoted on a weight basis may be subject to minimum weight charges.
- 15) Safety-Kleen has the right to refuse any hazardous drum that exceeds it's legal DOT rating, any non-hazardous drum exceeding 950 pounds, or any pallet exceeding 2,400 pounds.
- 16) Except as specified in Section 5 above, the terms and conditions herein supersede and replace any previous or existing agreement, quotation for services, scope of work, purchase order or understanding, written or oral, between the parties.

By execution below, Customer accepts the prices quoted herein and the parties understand and agree to be bound by the provisions of this Quotation for Services and the terms and conditions set forth herein unless the Customer has a valid and current Universal Services Agreement or Master Services Agreement on file with Safety-Kleen. Any changes in the Scope of Work or this Quotation for Services must be in writing and signed by Safety-Kleen and Customer

CUSTOMER	
(Name / Title)	<u> </u>
(Authorized Signature)	Date

Quote #: 7567, Rev. 1 Date: 3/12/2009



### **Quotation for Disposal**

Dana Carter CES Environmental Services, Inc. 4904 Griggs Road Houston, TX 77021

RE: Metton America (CES), 2727 Miller Cut-Off Road, LaPorte, TX 77571

Thank you for considering Rineco Chemical as your waste management company. Based on the information provided, Rineco is pleased to offer the following quotation for your approval. The disposal price is based on 55-gallon steel drums unless otherwise noted. Prices subject to change with 30 day notice.

Profile #	Material Name	Pricing			
0902-03721	H-DCP	S1/S2	\$0.45/lb \$100.00 min/		
		F1 (Low BTU):	\$0.60/lb	\$100.00 min/dm	
		BULK:			
		L1	\$0.35/gal		

For acceptance of H-DCP #0902-03721: Material must arrive in a heated tanker of 120°F. Drums must arrive in open top containers.

If material is non-conforming, does not blend with fuel stock or causes production or processing problems, additional charges may be incurred.

<u>Transportation Cancellation Policy:</u> Rineco requires 24 hour notice prior to the scheduled pick-up date/time to make any changes. Failure to notify Rineco within this time period may result in "Equipment Order Not Used" charges of Cost + 10%.

The above transportation rate, effective immediately, replaces any and all transportation quotes dated prior to 3/12/2009.

*Until the national fuel crisis subsides, Rineco has implemented a fuel surcharge based on the National Average Diesel price as published by the U.S. Department of Energy. For your reference, the matrix for the applicable fuel surcharge percentage is attached. Please note, the prices above do not reflect this surcharge.

At no extra charge, RINECO will prepare manifest and labels, which will be shipped overnight. We appreciate the opportunity to service your waste disposal needs. If you have any questions, please call 800-377-4692.

Michael Jaskowiak	
Territory Manager	
South Texas Territory	
Generator Signature:	
Metton America (CES)	
Date of Acceptance:	

Second review

First review

Date approved:

03-09-709 08	3: <b>4</b> 9 FROM-	METTON AN	1ERICA	281479	1906		T-414 P00	//MT/ L-8/	∎ 7⊥
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UCIC	MUL	7 _	Fax (775) 5	553-2125	Fax (361) 38		_		
us American Ecology	company 🚭	∐ US I		ho (Grand View)					
A. CUSTOMER INF	MATTAMOO	*110	Fax (208) (	pped will be : 🗹 Inc	luctrial I	JON - York ichic	*(Texas custo	mers only	
Generator:	Metton Americ		-usu wa 3784	الل التي ، مه دست مسلم	1				
Facility Address:	2727 Miller Cut	·			Billing Con	if Billing is San		meal Commission	Inc
(No PO Box)	La Porte, TX 77				Billing Ad		CES Environme 4904 Griggs	niai services,	I/IG.
Mailing Address	2727 Miller Cut				City/State/		Houston, TX 7	7021	
City/State/Zip:	La Porte, TX 77					•			
Technical Contact:	Joy Baker	J/3			Billing Co		Juanita Thomas	713-676-	1626
Phone: 281-70		Fax: 713-74	10 9561		Email:	713-676-1460			10/0
<u> </u>							<u>casenvironma</u>		
NAICS# 325211	LJ CES	oge □soge	⊡ r <b>ố</b> C	EPA ID:	TXD00726036	<u> </u>	_ State ID#	32049	· ·
B. SHIPPING INFO	RMATION					4			
1. US DOT Shipping N	ame Waste	Flammable so	ids, organic	n.o.s.(Dicyclopentadien	contaminated	filters, absorbe	nt, dirt. debrts)	Hazard Class	4.1
3. UN/NA #	1325	4. Pac	kaging Gro		5.RC		100		
6. Container Type:	Bulk Totes [	Pallet		Size 55 gal	7, Fréquency	: Year	<b> ☑</b> QTR	Month	
Boxes Bag	s 🗹 Drums 🗀	Other		Quantity warles		☑ 1 Time	<b>Other</b>		
C. GENERAL MAT							-		
1. Common name for the		DCPD solids	'45 ÓVMV	21011		•	•	•	
2 Process generating ti			nated with C	Component A and B from	Reaction inier	tion molding pr	OCESS.		
=	heels as necessary)			- J					
3. Describe Physical Appe	Nance of Waste	Solids							
4. Describe odor of waste		Slight	Strong D	describe: unpleasant od	or			·	<u></u>
s. Knowledge is from:			_						
Yes V No Is the							der BPA Land D	sposel Restric	tions.
Yes No Waste							ase complete LDI		-47113
☑ Yes ☐ No State v	- 1	00023403H	1 of a racions	<del></del>	<del></del>		use complete LDI		*A4.72
Yes No CERC	1		iste .			-	wastewater st ref. 40 CFR	MOU-M92	wewater
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	<del>                                     </del>	<del></del>	1	Source Code G		Form Code W		Mgt. Method H	
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D. MATERIAL CO (Range Total > or = 100				E, Does the waste  Yes Mo Oxidia			React. Sulfides	··.	ppm
(Mange Total > or = 100 (Malufe additional sheets as n		i value uni		Yes No Explor			React, Cyanides		bbw hhm
Dicyclopeniadiene (DCPD		10 %	5-25	Yes V No Organ			Water/Air (Pyrop		
Toluene		0.5 %	0-1	Yes I No Shock		Yes V No		<u> </u>	
Filler Bags		15 %	0-30	Yes V No Tire		==	TSCA Regulated	PCB Waste	
Vermiculite		30 %	0-50	Yes V No Pyropi	oric	Yes 🗹 No	Regulated Medic	al/Infectious Wa	aste
Polymerized solids/bags/P.	PE/debris	45 %	10-60	Yes V No Radio			Compressed Gas		
			<del> </del>	Yes V No Exemp			ological into is provided in		idum
				Yes No Halog			er 40 CFR 268, Ap	pendix III)	
		<del></del>		F. PHYSICAL CHA	•		graffikasi (1966) H	all Danas	<b>~</b> 3
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G. GENERATOR'S				I certify this material					
Certification Statement: I on the all information provided							ge, and		
Purthermore, I certify that the					Print Name	1 / 1	$n_{IA} / n$	10 mg	30
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Date approved:	marka ("etta eti")					Date Denice	I.		

IEFoolog		, ,,	Ecology Texas (Robstown	n) Profile #:
an American Ecology company	. 🔻	75) 553-2125 Idaho (Grand View)	Fax (361) 387-0794	
<del></del>	Fax (2	08) 834-2919		
A CUSTOME DATE OF THE		s shipped will be : 🗸 Indo		ial *(Texas customers only)
Generator: Metton Amer			Check if Billing is Sa	
Facility Address: 2727 Miller C (No PO Box)  In Porte, TY:			Billing Company:	CES Environmental Services, Inc.
La Torte, TA			Billing Address:	4904 Griggs
Mailing Address 2727 Miller C	- 40		City/State/Zip:	Houston, TX 77021
City/State/Zip: La Porte, TX	//5/1		Billing Contact:	Juanita Thomas
Technical Contact: Joy Baker	F 512 540 0444	· · · · · · · · · · · · · · · · · · ·	Phone No.: 713-676-1466	
Phone: <u>281-701-8511</u>	Fax: 713-748-8664	- FDA ID		Ocesenvironmental.com
NAICS# <u>325211</u> C	esog 🗌 sog 🗹 log		XD00726026	State ID# <u>32049</u>
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1. US DOT Shipping Name 3. UN/NA # 1993		Flammable liquid, n.o.s. (Dicyc	5.RO	2. Hazard Class 3
<del></del>	4. Packaging	-	· ` <del></del> _	100
6. Container Type: Bulk Totes		Size 55 gal	7. Frequency: Year	☑ QTR
☐ Boxes ☐ Bags ☑ Drums ☐	Other	Quantity <u>varies</u>	1 Time	Other
	Same and the state of the same			
1. Common name for this waste	B-component Waste			
2 Process generating the material		ing - off spec and low reactivit	y product from plastics and i	resin manufacturer
(include additional sheets as necessary 3. Describe Physical Appearance of Waste	·	5 0/ 1:		
	Medium viscosity, 85-93			
4. Describe odor of waste: None	Slight Strong	Describe: unpleasant odor		
5. Knowledge is from: Lab Analysis [				
Yes ✓ No Is the material <500 P	•			nder EPA Land Disposal Restrictions
☐ Yes ☐ No Waste Subject to Benz		ons	(40 CFR 268), if yes ple	<u> </u>
Yes No State waste codes	0005203H		* LDR treatment sub-catergory	☐ Wastewater ☐ Non-wastewater
Yes No CERCLA Regulated (			Exempt Waste: If yes, 1	
Yes No EPA Haz. Waste (list	t codes) D001 F00	<del></del>		nents of Concern: List in section D
	+ + -			ed after the initial point of generation?
	<del> </del>	<del></del>	Subpart XX Alternative standards for	Soil 2
<del>                                   </del>	<del>    -   -   -   -   -   -   -   -   -  </del>	Source Code G	Form Code W	Mgt. Method H
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(Range Total > or = 100%) Values are	✓ TCLP TOTA	ALS Yes V No Oxidizer		React. Sulfides ppm
, <del>.</del>	cal value unit ran	I— —		React. Sulfidesppm React. Cyanidesppm
Dicyclopentadiene (DCPD)	88 % 78-9		==	Water/Air (Pyrophoric) React.
Ethylinobonene	4 %	☐ Yes ☑ No Shock Se		Thermally Unstable: decomposes to cyclopentadiene above 284 deg F
Tungsten hexachloride	1 % 0-1.	<del></del>	Yes V No	
Unsaturated Polycyclic Monomer	4 % 2-1		ic Yes 🗸 No	
Carbon Black	2 % 1-3	<b>⊣</b> □'''		Compressed Gasses
Toluene	600 ppm 0-80	<b></b>		ological info is provided in USEI's WAC Addendum
	+	distribution programme and the programme of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of th	The Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Co	er 40 CFR 268, Appendix III)
	+ + + -	1.Flash Po <i>111</i>	°F (if <140°F) 2.Typical pH	######################################
			lity of incidental liquids from	
			vaste pass the EPA specified	
	V Yes N	lo I certify this material ma	y he disposed of without for	meth any demands
Certification Statement: I certify under penalty	y of law that I am familiar v	vith this waste stream through an	alysis and/or process knowledg	e, and
that all information provided is true, accurate, re			azards have been disclosed.	
Furthermore, I certify that this form was comple	rea in accordance with the i	instructions provided.	Print Name:	
Signature:		Title		Date:
Editors and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second	file on the	- <b>- 18-63</b>		te de la companya de la companya de la companya de la companya de la companya de la companya de la companya de
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TICITA	100	Us	Ecology Ne	evada (Beatty)	JS Ecology Texas (	Robstown) Profile #:	•
UDEC	OKOKI	y		553-2125	Fax (361) 387-079	94	<u></u>
an American Ecology	company C	′ <u></u> Us		aho (Grand View) 834-2919			
A. GIRLENSKER KARE		* J		ipped will be : 🗸 In	dustrial NON	- Industrial *(Texas custo	mers only)
Generator:	Metton Ameri				Check if Bill	-	
Facility Address:	2727 Miller Cu			· · · · · · · · · · · · · · · · · · ·	Billing Compan		ntal Services, Inc.
(No PO Box)	La Porte, TX 77	*******			Billing Address		
Mailing Address	2727 Miller Cu				City/State/Zip:	Houston, TX 77	021
City/State/Zip: Technical Contact:	La Porte, TX 77	3/1			Billing Contact: Phone No.: 713		713-676-1676
Phone: 281-70	Joy Baker	Fax: 713-7	48-8664		_	omas@cesenvironme	
NAICS# 325211			G ☑ LQG	EDA ID	TXD00726026	State ID#	32049
NAICS# <u>525211</u>		ovesve	LQG	EIA ID:	1XD00720020	State ID#	J2049
1. US DOT Shipping N	lome	TIV		Malianida a Minolog	ti (1)		Hazard Class 3
3. UN/NA #	1993		ckaging Gro	ble liquid, n.o.s. (Dicyclop DUD II	s.RQ	100 ionene )	Hazard Class3
	Bulk Totes	Pallet	ckaging Orc	Size 55 gal	7. Frequency:	Year ☑ QTR	Month
··· —	ps 🗹 Drums 🗌			Quantity varies	/: Trequency	1 Time Other	Monar
Boxes Bag	s C Diditis _	Oulei		Qualitity varies		Jilille □ Odlei _	Commence and the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the cont
1. Common name for the	nic waste	A-component	Wasto	5		<b>TE</b> 1500, 150 <b>4</b> 1	
2. Process generating the				- off spec and low reactive	itv product from pla	stics and resin manufacturer	
	heets as necessary)		8	<b></b>	<u></u>	<u> </u>	
3. Describe Physical Appea	rance of Waste	Medium visco	sity, 85-95 %	liquid material			
4. Describe odor of waste	: None	Slight 🔽	Strong I	Describe: unpleasant odd	<u>r_</u>		
5. Knowledge is from:	Lab Analysis 🗸	MSDS P	rocess/Gene	erator knowledge 🔲 C	ther (specify)		
Yes V No Is the						tricted under EPA Land Di	sposal Restrictions
☐ Yes ☐ No Waste	Subject to Benze	ne NESHAP	regulations		(40 CFR 268), i	if yes please complete LDR	. form
✓ Yes ☐ No State v	vaste codes	0004203H			* LDR treatment sub-	catergory Wastewater	✓ Non-wastewater
☐ Yes ☐ No CERC	LA Regulated (S	uperfund) Wa	aste	Yes 🗸 N	Exempt Waste:	If yes, list ref. 40 CFR	_
☐ Yes ☐ No EPA I	Iaz. Waste (list c	odes) D00	1	✓ Yes ☐ N	O Contains UHCs	/Constituents of Concern:	List in section D
					O Has the waste b	een treated after the initial	point of generation?
				☐ Yes ☑ N	O Subpart XX		
					o Alternative stand		7 . 3 4 d . 177
				Source Code G	ron	n Code W	Mgt. Method H
	Solve and a colored	-	All Andrews			<u> </u>	
(Range Total > or = 100		✓ TCLP	-		=	es V No React. Sulfides	ppm
(include additional sheets as n Dicyclopentadiene (DCPD)		I value uni	t range 78-98	Yes V No Explosi		es No React. Cyanides _ es No Water/Air (Pyroph	ppm ppm
				Yes V No Shock		Thermally Unstable: dec	omposes to cyclopentadiene above
Ethylinobonene Aluminum alkyls		4 % 1 %	2-4 0-1	Yes V No Tires		es No TSCA Regulated I	OCD Waste
Unsaturated Polycyclic Mo	nomer	4 %	2-10	Yes V No Pyropho		es No Regulated Medica	
				Yes V No Radioa		es V No Compressed Gasso	
				Yes V No Exemp		ditional Radiological info is provided in	USEI's WAC Addendum
				A STATE OF A STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE	A STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STA	ounds? (per 40 CFR 268, App	endix III)
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				1.Flash Po 111	°F (if <140°F) 2.7	quids from transportation?	oH Range:
						specified paint filter test?	☐ ≥ 12.5
	· · · · · · · · · · · · · · · · · · ·		20   11-	Tarada di anti di		***	
Certification Statement: I c	ertify under penalty	of law that I am	_			vithout further treatment. sknowledge, and	
that all information provided	is true, accurate, rep	resentitive and	complete, and	that all known or suspected	•	• .	
Furthermore, I certify that thi	s form was complete	ed in accordance	with the instr	ructions provided.	Print Name:		
Signature:				Titl	e:	Date:	
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an American Ecology	company	7		cology Ida	aho (Gran	d View)	, -,-				
<u> </u>	- ,	We have been provided as		Fax (208)		.,,,,,			. ± //E		1.
				ste as sh	ipped wi	<i>ill be :</i> ☑ Indu				stomers on	ly)
Generator:	Metton Ameri							if Billing is San		. 10	
Facility Address:	2727 Miller Cu						Billing Co		CES Environ	mental Servi	ces, Inc.
( No PO Box )	La Porte, TX 77						Billing Ad		4904 Griggs		
Mailing Address	2727 Miller Cu						City/State/	<del>-</del>	Houston, TX		
City/State/Zip:	La Porte, TX 77	7571					Billing Co		Juanita Thom		
Technical Contact:	Joy Baker							713-676-1460	-		676-1676
Phone: <u>281-701</u>	-8511	Fax:	713-748	3-8664			Email:	ithomas@	cesenvironm	nental.com	]
NAICS# <u>325211</u>	CES	sqg [	] sqg [	☑ <b>LQG</b>	EPA ID		XD00726026		- State ID		32049
(i) National in province in the second								, <b>14</b>		e el estado	
1. US DOT Shipping N	ame Waste	Flamma	ible solic	ls, organic	n.o.s.(Dic	yclopentadiene c	ontaminated	filters, absorbe	nt, dirt, debris)	2. Hazard Cla	ass 4.1
3. UN/NA #	1325		4. Pack	aging Gro	up	II	5.RC	2	10	0	
6. Container Type:	Bulk 🗌 Totes 🛚	Pallet			Size	55 gal	7. Frequency	: Year	<b>☑</b> QTR	☐ Month	ı
☐ Boxes ☐ Bags	S 🗸 Drums 🗌	Other			Quantity	varies	_	✓ 1 Time	✓ Other		
		- Statement							±19€		
1. Common name for th	is waste	DCPD s							d de Ca		<b>建</b>
2. Process generating th				ated with (	Componen	t A and B from Re	eaction iniec	tion molding pr	ocess.		
(include additional st	•	Decribe	- Critainin		omponen.	11 una 2 j. om 1	- Inge	ion motame pro			
3. Describe Physical Appea		Solids									
4. Describe odor of waste:		Slight	S	trong [	escribe:	unpleasant odor					
		-			•		or (cnocify)				
5. Knowledge is from:		_				_			dan EDA I and	D:1 D -	
☐ Yes ☑ No Is the n			•			Yes V No				_	strictions
	Subject to Benze			gulations I	Ī		1		ise complete Ll		
Yes No State w			3403H	<u> </u>			,	nt sub-catergory	☐ Wastewat	er Linion	-wastewater
	LA Regulated (S		id) Wasi	te					st ref. 40 CFR		
Yes No EPA H	laz. Waste (list o	codes)	D001	F005					ents of Concer		
									d after the init	ial point of g	generation?
						☐ Yes ☑ No					
							Alternative	standards for	Soil ?		
						Source Code G		Form Code W		Mgt. Method	.н
	for a first of the last			âm) r		To the C			Myddig:		
(Range Total > or = 1009	%) Values are	✓ TC	LP	TOTALS	☐ Yes	☑ No Oxidizer	2 7 OH 3 1 7 C 1 7 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C		React. Sulfides	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	ppm
(include additional sheets as ne	cessary) typics	al value	unit	range	Yes	No Explosive	•	🗌 Yes 🗹 No	React. Cyanides	١	ppm
Dicyclopentadiene (DCPD)		10	%	5-25	☐ Yes	No Organic I		_	Water/Air (Pyre	ophoric) Read	et.
Toluene		0.5	%	0-1	Yes	No Shock Se	nsitive	Yes 🗹 No			
Filter Bags		15	%	0-30	-	✓ No Tires			TSCA Regulate		
Vermiculite	NE/1.1 :	30	%	0-50		No Pyrophori			Regulated Med		s Waste
Polymerized solids/bags/PP	E/debris	45	%	10-60	1=	No Radioacti			Compressed Ga		
					1=	✓ No Exempt F ✓ No Halogena			logical info is provided		Addendum
						NO Hatogelia			1 40 CFR 208, F	Appendix III)	
					1.Flash Po	THE PROPERTY OF STREET AND AND AND ASSESSED.	Parket and Assert Principal Continues (Continues Continues F) 2.Typical pH		pH Range:	<u> </u>	
				<u> </u>	i	✓ No Possibi	-			_ pri Kange.	>2,<12.50
					☑ Yes			EPA specified			☐ ≥12.5
							-				
		ON:	✓ Yes	☐ No	I certify	this material ma	y be dispose	d of without fu	rther treatment.		
Certification Statement: I ce									ge, and		
that all information provided: Furthermore, I certify that this											
-	Aut Joinploi			11101			Print Name	:			<del> </del>
Signature:	CENTER OF CONTRACTOR AND CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTRACTOR OF CONTR	SUN PROPERTY.	A Total Control	ericani de desperante un como como como como como como como com		Title:	NAME OF SOME DAY.	A STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STA	_ Date	):	35A15A15A
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4904 Grigg Phone (713) 6 U.S. EPA ID Number: TXD0	ental Services - Houston gs Road, Houston, TX 77 576-1460 Fax: (713) 67 08950461 ISWR Nui olid Waste Permit Numl	021 6-1676 mber: 30900	24 Pho	nvironmental Serv 20 S. Gulfway Dr., one (713) 676-1460 Number: TXR00007	Port Arthur, TX Fax: (713) 6	77641	
SECTION 1: Generator I	<u>nformation</u>						
Company: Metton Am	erica, Inc.			<del>_</del>			
Address: 2727 Miller	Cut-off Rd			_			
City: La Porte		State:	TX	_Zip:			77571
Contact: Judy Johnson	on		_ Title:				
Phone Number:	281.479.9768		_ Fax Number:	281.479.4906			
24/hr Phone Number:	713.817.1627		_				
US EPA ID No:	TXD00726026			_			
State ID No:		32049	SIC Code:				
SECTION 2: Billing Infor Company: Address:	mation - San	ne as Above			-,		
City:		State:		Zip:			
Contact:		State.	Title:				
Phone Number:			Fax Number:				
SECTION 3: General Des	scription of the Waste	<u>.</u>	•				
Detailed Description of		lasto:					
Physical State:  Color: varies	Liquid Solid	Sludge Filter Cake	e	Powder Combination			
Specific Gravity (water=	1): <u>na</u>		-	Density: na	Ibs/ga	I	
Does this material conta	ain any total phenolic	compounds?	Yes	✓ No			
Does this material conta	ain any para substitut	ed phenolic com	oounds?	☐ Yes	✓ No		,
Is the Waste subject to	the benzene waste op	eration NESHAP	? (40 CFR Part 6	1, Subpart FF)		Yes 🗸	/ No
Answer "Yes" if your was	•			•	following:	-	_
2812 2813	3 2816	2819 2821	. 2822	2823	2824	2833	2834
2835 2836	2841	2842 2843	2844	2851	2861	2865	2869
2873 2874	2876	2879 2891	2892	2893	2896	2899	2911
3312 4953	3 4959	9511					
_	gle-phase $\Box$	Multi-phase					
Container Type:	Drum  Tote	Truck	Other (explain	<b>າ</b> )			
Frequency:  Weekly Quantity: variable	Monthly V	early 🗌 One-T	ime				

	Is this a USEPA "Hazardous Waste" per 40CFR 261.3?									
Characteri	If "Yes", Is it: D001 (Ignitable) D002 (Corrosive) D003 (Reactive)  Characteristic for Toxic Metals: D004 D005 D006 D007 D008 D009  D010 D011  Characteristic for Toxic Organics: D012 thru D043 (please list all that apply)									
	Is this an "F" or "K" Listed waste or mixed with one?  If "Yes", then please list ALL applicable codes:									
40 CFR 261	Is this a commercial product or spill cleanup that would carry a "U" or "P" waste code under  40 CFR 261.33(e) or (f)?									
Texas Stat	e Waste Code	Number:				00024031	<u>-</u>			
•	DOT Shipping				gulated materi		e)			
Class:	na	UN/NA:	na	PG:	na	_RQ:	na			
Flas	h Point	pl	Н	Reactiv	ve Sulfides	Reactive	Cyanides	Sol	ids	
;	>140	neu	tral	0	mg/l	0	mg/l	100	%	
Oil 8	k Grease	TC	C		Zinc	Co	pper	Nic	kel	
>1500	mg/l	na	<u>mg/l</u>	na	mg/l	na	mg/l	na	<u>mg/l</u>	
SECTION 4	: Physical and	Chemical Data								
	CON	IPONENTS TA	BLE			CONCENT	RATOIN		UNITS	
The waste consists of the following materials						Ranges are	•		or %	
Lab de	bris including g	loves, PPE, an	d packaging r	naterial		10	0		%	
<b></b>										

COMPONENTS TABLE	CONCENTRATOIN	UNITS
The waste consists of the following materials	Ranges are acceptable	or %
Lab debris including gloves, PPE, and packaging material	100	%
		:
		1

	Safety Relat					
	-	iste requires the u	se of special protecti	ve equipment, please e	xplain.	
Standard PF	YE					
SECTION 6:	Attached Su	pporting Docume	nts			
List all docu	ments, notes	, data and/or anal	sis attached to this	form as part of the was	te	
approval pa	ckage.	none				
***************************************						
SECTION 7:	Incompatibi	ilities				
		bilities (if any):				
none know	-					
		Knowledge Docur				
-	•			d below, <b>WAS NOT PE</b>	RFORMED	
based upon	the following	g generator knowle	edge:			
TCLP Metals		v				
TCLP Volatil	•	×				
TCLP Semi-\		×				
Reactivity:	olatiles.	<u>x</u>				
Corrosivity:		X	<del></del>			
•				<del>.</del>		
Ignitability:		X				
SECTION 9: 1	<b>Naste Receipt</b>	: Classification Unde	r 40 CFR 437 (Prtainin	g to Pre-Treatment Requ	irements fo	r Centralized Waste Treatment
Facilities)						
		ial a wastewater or v	-		☐ YES	✓ NO
	If 'Yes', c	complete this section	١.			
	PLEASE CHEC	K THE APPROPRIAT	E BOX. IF NO APPROP	RIATE CATEGORY, GO TO	THE NEXT I	PAGE.
Metals Subco	<u>rtegory</u> : Subp		1d			
		oplating baths and/o				
F	Chromate wa	•	uuges			
		control blow down v	water and sludges			
	Spent anodiz	•				
<u> </u>	Incineration v					
<u> </u>	Waste liquid		or than 126 mg/l			
		taining wastes greate and bases with or wi				
				m electroplating or phos	ohating ope	rations
	Vibratory del	burring wastewater				
	Alkaline and	acid solutions used t	o clean metal parts or	equipment		
Oils Subcated	<u>aory</u> : Subpart	t B				
	Used oils					
	Oil-water em	ulsions or mixtures				
	Lubricants					
<u> </u>	Coolants	- داد د دغمنناه مريم سم ام	<b>f</b>	ouroos		
-	Contaminate   Used petrole		n-up from petroleum s	ources		
<u> </u>	Oil spill clean					
F	Bilge water	F				
-		waters from netrolei	im cources			

Off-s Unde Tank Non- Aque	ceptor wastes pecification fuels reground storage remediation waste clean-out from petroleum or oily sources contact used glycols ous and oil mixtures from parts cleaning operations ewater from oil bearing paint washes
Cont: Solve Off-s Still t Bypro Wast Wast	ory: Subpart C fill leachate aminated groundwater clean-up from non-petroleum sources int-bearing wastes pecification organic product sottoms oduct waste glycol ewater from paint washes ewater from adhesives and/or epoxies formulation ewater from organic chemical product operations clean-out from organic, non-petroleum sources
(1) If the	waste contains oil and grease at or in excess of 100 mg/L, the waste should be classified in the oils subcategory.
	waste contains oil and grease less than 100 mg/L, and has any of the pollutants listed below in concentrations in is of the values listed below, the waste should be classified in the metals subcategory.  Cadmium: 0.2 mg/L  Chromium: 8.9 mg/L  Copper: 4.9 mg/L  Nickel: 37.5 mg/L
	waste contains oil and grease less than 100 mg/L, and does not have concentrations of cadmium, chromium, copper, skel above any of the values listed above, the waste should be classified in the organics subcategory.  Metals Subcategory  Oils Subcategory Organics Subcategory
SECTION 10 Additi	onal Instructions
Copper, Nickel, and	mine the correct subcategory in Section 9 and you did not furnish data for the concentration of Cadmium, Chromium, Oil and Grease, CES will send offsite to a commercial laboratory a sample to determine these concentrations. This eptance. The generator will be responsible for the cost of the analysis.
The information of the information of the leading the leading the leading the leading the leading to the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading the leading t	erator's Certification ontained herein is based on generator knowledge and/or analytical data. at the above and attached description is complete and accurate to the best of dability to determine that no deliberate or willful omissions of compostion and that all known or suspected hazards have been disclosed. I certify that the are representative of all materials described by this document.
Authorized Signa	ture:Date:
Printed Name/Tit	le:
CES USE ONLY (DO	NOT WRITE IN THIS SPACE)
Compliance Office Date: Approval Number	Approved Rejected

SET Environmental, Inc. 5738 Cheswood Street - Houston, TX 77087

713-645-8710 // 800-598-7328 Fax: 713-649-1027

TNRCC Permit No. HW-50267 EPA ID No. TXD056135388

		14/	ASTESTREAM		/CII E			
ET ENVIRONMENTA	AL INC Use Onk		ASIESIKEAN	PRU	TILE			
			Trantmont/U	andling Co	udo:			
Approval No.: Sales Rep:			Treatment/H	anding Co xosal Acch				
олын кер.		-	Disj	Prici			-	
	- W.S.S.			1 110		····		
GENERATO	)R INFOR	MATIC	ON					
	Metton Americ	a, Inc.			Broker Nar	ne		
Contact	Dale Joly				Conta	nct		
	281/479-8078 x	103			Telepho	ne		
	281-479-4906				•	ex		
Mailing Address				M	alling Addre			
•	La Porte, TX 7	7571			City, State 2	<u></u>		
Site Address								
City, State Zip								
U.S. EPA ID No:	TXR000726026		Texas Generator ID No	32046	5			
I. GENERAL	WASTE	NEOE	MATION					
4								
Wastestream	Name: (	1600	1- Lab Debr	ic [	QUANTITY	Variable	. 01	Tote
		1 20		· 1	<b>☑</b> Drum	□ Gallions □ Pour	ds 🔲 C	Cu. Yard
FREQUENCY		$\neg$ [	CONTAINER TYPE	٦ <u>١</u>	CONTAINER SI	76		
One Time	☐ Yearty —		☑ Metali ☐ Wood	1 1	COM IMMER 31	<u>ZC</u>	5	5 Gal
☐ Monthly	Quarterly		O O.			Gal		Cu Yd
Other		_	☐ Poly ☐ Fiber			Gal		Tote
				J				
I SPECIFIC	ΗΔΖΔΩΓ	S Dlone	e identify all that apply.					
Explosive	•	Ø No	Organic Peroxide	☐ Yes		Polymerizer	☐ Yes	☑ No
		☑ No	Poison	□ Yes	Ø No	PCB >1 ppm		Ø No
Shock Sensitive		_	1-66		i No	- , ,		
Compressed Gas		☑ Na	Infectious	☐ Yes				
Compressed Gas Flammable	□ Yes	☑ No	Carcinogen	☐ Yes	☑ No.			
Compressed Gas Flammable Pyrophoric	☐ Yes ☐ Yes	Ø No Ø No	Carcinogen Radioactive	☐ Yes	N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀			
Compressed Gas Flammable Pyrophoric Water Reactive		☑ No ☑ No ☑ No	Carcinogen Radioactive Corrosive	Yes	☑ No ② No ④ No			
Compressed Gas Flammable Pyrophoric		Ø No Ø No	Carcinogen Radioactive	☐ Yes	N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀     N₀			
Compressed Gas Flammable Pyrophoric Water Reactive Oxidizer	Yes	☑ No ☑ No ☑ No	Carcinogen Radioactive Corrosive	Yes	☑ No ② No ④ No			
Compressed Gas Flammable Pyrophoric Water Reactive Oxidizer  V. PROCESS	OYES OYES OYES	2 No 2 No 2 No 2 No	Carcinogen Radioactive Corrosive	☐ Yes ☐ Yes ☐ Yes ☐ Yes	② № ② № ② №	Unused (Attach MSDS)		
Compressed Gas Flammable Pyrophoric Water Reactive Oxidizer  V. PROCESS	OYES OYES OYES	2 No 2 No 2 No 2 No	Carcinogen Radioactive Corrosive Dioxin or Suspect	☐ Yes ☐ Yes ☐ Yes ☐ Yes	3 No 3 No 3 No 3 No	Unused (Affach MSDS) Used/Spent (Affach lab	oratory anal	ysk)

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b debris including gloves, PPE,	and packaging materials.				to	
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☐ Clear ☐ Cloudy ☐ Opaque	☐ Low ☐ Medium	Aluminum Antimony	□ Yes □ Yes	Ø No		
Cloudy Opaque	☐ Low ☐ High ☐ Medium	Aluminum Antimony Arsenic	□ Yes □ Yes	☑ No ② No		
Clear Chaque	☐ Low ☐ High ☐ Medium ☐ FIASHPOINT ☐ = or < 73°F	Aluminum Antimony Arsenic Barium	□ Yes □ Yes	Ø No		
Clear Cloudy Opaque  PHYSICAL STATE Percent Solid Shidge	☐ Low ☐ High ☐ Medium ☐ FLASHPOINT — ☐ 140°F ~ 200°F ☐ 73°F — 99°F ☐ = pr> 200°F	Aluminum Antimony Arsenic Barium Beryllium Cadmium	□ Yes □ Yes □ Yes □ Yes	☑ No ② No ☑ No ② No ☑ No		
Cloudy Opaque  PHYSICAL STATE  Percent  Solid Sludge Liquid	☐ Low ☐ High ☐ Medium  FLASHPOINT — ☐ 140°F - 200°F ☐ 73°F - 99°F ☐ = pr> 200°F ☐ 100°F - 139°F	Aluminum Antimony Arsenic Barium Beryllium Cadmium Chromium	☐ Yes ☐ Yes ☐ Yes ☐ Yes ☐ Yes ☐ Yes ☐ Yes	12 No 12 No 12 No 13 No 13 No 13 No		
Cloudy Opaque  PHYSICAL STATE Percent  Solid Sludge	☐ Low ☐ High ☐ Medium ☐ FLASHPOINT — ☐ 140°F ~ 200°F ☐ 73°F — 99°F ☐ = pr> 200°F	Aluminum Antimony Arsenic Barium Beryllium Cadmium Chromium Cobalt	YE   Yes   Yes   Yes   Yes   Yes   Yes	1 10 1 10 1 10 1 10 1 10 1 10 1 10 1 10		
Cloudy Opaque  PHYSICAL STATE  Percent  Solid Sludge Liquid	☐ Low ☐ High ☐ Medium  FLASHPOINT — ☐ 140°F - 200°F ☐ 73°F - 99°F ☐ = pr> 200°F ☐ 100°F - 139°F	Aluminum Antimony Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper	Ye   Ye   Ye   Ye   Ye   Ye   Ye   Ye	Mo Mo Mo Mo Mo Mo Mo Mo Mo		
Clear Cloudy Chaque PHYSICAL STATE Percent Solid Sludge Liquid Ges	☐ Low ☐ High ☐ Medium  FLASHPOINT — ☐ 140°F - 200°F ☐ 73°F - 99°F ☐ = pr> 200°F ☐ 100°F - 139°F	Aluminum Antimony Arsenic Berium Beryllium Cadmium Chromium Cobalt Copper Lead	Ye   Ye   Ye   Ye   Ye   Ye   Ye   Ye	Mo Mo Mo Mo Mo Mo Mo Mo Mo Mo		
Clear Cloudy Chaque  PHYSICAL STATE Percent Solid Solid Sludge Liquid Ges	Clow	Aluminum Antimony Arsenic Berium Beryllium Cadmium Chromium Cobalt Copper Lead Maganese	Yes	12 No 12 No 13 No 13 No 13 No 13 No 13 No 13 No 13 No		
Clear Cloudy Cpaque  PHYSICAL STATE Percent Solid Solid Liquid		Aluminum Antimony Arsenic Berium Beryllium Cadmium Chromium Cobalt Copper Lead Maganese Mercury	YE	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
Clear Cloudy Chaque  PHYSICAL STATE Percent Solid Solid Shudge Liquid Ges  LAYERING Homogeneous	Clow	Aluminum Antimony Arsenic Berium Beryllium Cadmium Chromium Cobalt Copper Lead Maganesa Mercury Nickel	YE	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
Clear Cloudy Chaque  PHYSICAL STATE Percent Solid Solid Sludge Liquid Ges	Clow	Aluminum Antimony Arsenic Berjum Beryllium Cadmium Chromium Cobalt Copper Lead Maganese Mercury Nickel Selenium Silver	YE	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
Clear Cloudy Cpaque  PHYSICAL STATE Percent Solid Shidge Liquid Ges LAYERING Homogeneous Blayered	Clow	Aluminum Antimony Arsenic Berjum Beryllium Cadmium Chromium Cobalt Copper Lead Maganese Mercury Nickel Selenium Silver Thallium	Y	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
Clear Cloudy Opaque  PHYSICAL STATE Percent Solid Sludge Liquid Ges  LAYERING Homogeneous	Clow	Aluminum Antimony Arsenic Berjum Beryllium Cadmium Chromium Cobalt Copper Lead Maganese Mercury Nickel Selenium Silver	Y &	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
Clear Cloudy		Aluminum Antimony Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper Lead Maganese Mercury Nickel Selenium Silver Thallium Zinc	Y	He 20 12 12 12 12 12 12 12 12 12 12 12 12 12		HIGH 5,000
Clear Cloudy Cpaque  PHYSICAL STATE Percent Solid Sludge Liquid Ges LAYERING Homogeneous Bivered Multilayered	Clow	Aluminum Antimony Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper Lead Maganese Mercury Nickel Selenium Silver Thallium Zinc  BTU/lb Ash %	Y	## ## ## ## ## ## ## ## ## ## ## ## ##	LOW	HIGH 5,000
Clear Cloudy Cpaque  PHYSICAL STATE Percent Solid Sludge Liquid Ges LAYERING Homogeneous Bivered Multilayered	Clow	Aluminum Antimony Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper Lead Maganese Mercury Nickel Selenium Silver Thallium Zinc  BTU/lb Ash %— Water %—	Y	He had been a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a seco	LOW	HIGH 5,000
Clear Cloudy Opaque  PHYSICAL STATE Percent Solid Solid Sludge Liquid Ges  LAYERING Homogeneous Bhayered Multilayered  VAPOR PRESSURE @ 100°F  C 76.6 kPa (575 mmHg)	Clow	Aluminum Antimony Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper Lead Maganese Mercury Nickel Selenium Silver Thallium Zinc  BTU/lb Ash %— Water %— Sulfur %—	Y	HO NO NO NO NO NO RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE RANGE	LOW	HIGH 5,000
Clear Cloudy Cpaque  PHYSICAL STATE Percent Solid Solid Solid Solid Solid Solid Solid Huld Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid Solid	Clow	Aluminum Antimony Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper Lead Maganese Mercury Nickel Selenium Silver Thallium Zinc  BTU/lb Ash %— Water %—	Y	He had been a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a seco	LOW	HIGH 5,000

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The hazardous weste deterministion based on the generator's debated knowledge of the wester?    Yes   No   No   No   No   No   No   No   N	. REGULAT	ORY INFO	ORMATION			
The hazardous wested determination based on the generator's detailed knowledge of the wester?  If he hazardous weste determination based on the energylas of the wester? If yes, please affach analysis.  If he wester if yes and the definition of details in 40 CFR 288.2 (g)?  It is is a characteristically hazardous wester (i.e., D-Coded), does it contain any underfying hazardous conditiuents  If yes, good in 40 CFR 288.2(g)? If yes, identify each constituent and their percentages in Section V. Wester Composition.  In this wester contains any of the EPRORA 313 chemistral dendfield in 40 CFR 328.2 (g)?  In this wester contains any of the EPRORA 313 chemistral dendfield in 40 CFR 32.8 (g)?  In this wester contains any of the EPRORA 313 chemistral dendfield in 40 CFR 32.8 (g)?  In this wester contains any of the EPRORA 313 chemistral dendfield in 40 CFR 32.8 (g)?  In this wester regulated under the National Emissions Standard for Bercane Wester Operations (40 CFR Part 81 Subpart FF)?  In this wester regulated under the National Emissions Standard for Bercane Wester Operations (40 CFR Part 81 Subpart FF)?  If yes, gift the EPRORACTER (g) and the process of the Subpart FF)?  If yes, gift the EPRORACTER (g) and the Subcalagory  Subcalagory  Subcalagory  Additional Descriptors  Technical Names  Hazardous Number  Hazardous Number  Hazardous Number  Hazardous Number  Hazardous Number  Waste No.  Subcalagory  Additional Descriptors  Technical Names  Hazard Class  UN/NA Number  Packing Group  RQ  III. GENERATOR'S CERTIFICATION  Near years that intermediat above and attached to the profess or outcomed to the best of my troutdage and ability to determine that no oriestors of my waste in the intermediat interfered above and attached to the profess or outcomedia of the best of my troutdage and ability to determine that no oriestors of the profess of accounted to the best of my troutdage and ability to determine that no oriestors of the proper the proper that the proper the proper that the proper that the proper that the proper to						
the hazardous weste determination based on the enabysis of the weste? If yes, please attach analysis.    Vea				owledge of the waste?	<b>2</b> 4	es □No
Shipping Name Laboratory waste - non-regulated  Shipping Name Laboratory waste - non-regulated  Additional Descriptors  FPA Hazardous  Subcategory  Waste No.  Subcategory  Waste No.  Subcategory  Waste No.  Subcategory  FPA Hazardous  Waste No.  Subcategory  FPA Hazardous  Waste No.  Subcategory  FPA Hazardous  Waste No.  Subcategory  FPA Hazardous  Waste No.  Subcategory  FPA Hazardous  Waste No.  Subcategory  FPA Hazardous  Waste No.  Subcategory  FPA Hazardous  Waste No.  Subcategory  FPA Hazardous  Waste No.  Subcategory  FPA Hazardous  Waste No.  Subcategory  FPA Hazardous  Waste No.  Subcategory  FPA Hazardous  Waste No.  Subcategory  FPA Hazardous  FPA Hazardous  FPA Hazardous  Waste No.  Subcategory  FPA Hazardous  Waste No.  Subcategory  FPA Hazardous  Waste No.  Subcategory  FPA Hazardous  FPA Hazardous  FPA Hazardous  Waste No.  Subcategory  FPA Hazardous  FPA Hazardous  FPA Hazardous  Waste No.  Subcategory  FPA Hazardous  Waste No.  Subcategory  FPA Hazardous  FPA Hazardous  FPA Hazardous  Waste No.  Subcategory  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA Hazardous  Waste No.  Subcategory  FPA Hazardous  Waste No.  Subcategory  FPA Hazardous  Waste No.  Subcategory  FPA Hazardous  Waste No.  Subcategory  FPA Hazardous  Waste No.  Subcategory  FPA Hazardous  Waste No.  Subcategory  FPA Hazardous  Waste No.  Subcategory  FPA Hazardous  Waste No.  Subcategory  FPA Hazardous  Waste No.  Subcategory  FPA Hazardous  FPA Hazardous  Waste No.  Subcategory  FPA Hazardous  FPA Hazardous  Waste No.  Subcategory  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA Hazardous  FPA H					QY	es 🗹 No
st defined in 40 CFR 258.2 (2)? If yes, identify each constituent and their percentages in Section V. Weste Composition.  cee this weste contain any of the EPCRA 313 chemicals liderified in 40 CFR 372.85? If yes, list these chemicals, CAS 4					ΘY	es 🔲 No
Cost his wester contain any of the EPCRA 313 chemicals identified in 40 CFR 372.65? If yes, list these chemicals, CAS #		•			QY	es 🖸 No
Describis weste contein any of the EHS identified in section 302 of EPCRA? If yes, list these chemicals, CAS #   Yes   No had their percentages in Section V, Waste Composition. http://www.apa.gov/severcepplehs/shastpha.html   No http://www.apa.gov/severcepplehs/shastpha.html   No http://www.apa.gov/severcepplehs/shastpha.html   No http://www.apa.gov/severcepplehs/shastpha.html   No http://www.apa.gov/severcepplehs/shastpha.html   No http://www.apa.gov/severcepplehs/shastpha.html   No http://www.apa.gov/severcepplehs/shastpha.html   No http://www.apa.gov/severcepplehs/shastpha.html   No http://www.apa.gov/severcepplehs/shastpha.html   No http://www.apa.gov/severcepplehs/shastpha.html   No http://www.apa.gov/severcepplehs/shastpha.html   No http://www.apa.gov/severcepplehs/shastpha.html   No http://www.apa.gov/severcepplehs/shastpha.html   No http://www.apa.gov/severcepplehs/shastpha.html   No http://www.apa.gov/severcepplehs/shastpha.html   No http://www.apa.gov/severcepplehs/shastpha.html   No http://www.apa.gov/severcepplehs/shastpha.html   No http://www.apa.gov/severcepplehs/shastpha.html   No http://www.apa.gov/severcepplehs/shastpha.html   No http://www.apa.gov/severcepplehs/shastpha.html   No http://www.apa.gov/severcepplehs/shastpha.html   No http://www.apa.gov/severcepplehs/shastpha.html   No http://www.apa.gov/severcepplehs/shastpha.html   No http://www.apa.gov/severcepplehs/shastpha.html   No http://www.apa.gov/severcepplehs/shastpha.html   No http://www.apa.gov/severcepplehs/shastpha.html   No http://www.apa.gov/severcepplehs/shastpha.html   No http://www.apa.gov/severcepplehs/shastpha.html   No http://www.apa.gov/severcepplehs/shastpha.html   No http://www.apa.gov/severcepplehs/shastphastpha.html   No http://www.apa.gov/severcepplehs/shastphastphastphastphastphastphastphast	es this waste contain a	ny of the EPCRA	313 chemicals identified in 40 C	FR 372.65? If yes, list these chemicals, CAS#	DY	es 🖸 No
this weste regulated under the National Emissions Standard for Benzene Waste Operations (40 CFR Part 61 Subpart FF)?	es this waste contain a	ny of the EHS ide	entified in section 302 of EPCRA	? If yes, list these chemicals, CAS#	ΩY	<b>E</b> 2 No
Cest this weste meet the definition of a vestewater (40 CFR 288.2 (0))?  If this weste being shipped in DOT specification packages suthorized for the material they contain?  EPA Hazardous Waste No.  Subcategory  BEPA Hazardous Waste No.  Subcategory  Shipping Name Laboratory waste - non-regulated  Additional Descriptors  Technical Names  Hazard Class  UNNA Number  Packing Group  RQ  III. CENERATOR'S CERTIFICATION  The day certify that the information is further above and relacated to this profile is complete and accurate to the best of my knowledge and ability to determine that no ornisone of emposition or properties exist, and the all known or suspected recorded records have been declased. I also understand it is my responsibility to property (dentify and deasily my waste in		~			)?	es 🖸 No
EPA Hazardous Waste No.  Subcategory  Hazardous Waste No.  Subcategory  Shipping Name Laboratory waste - non-regulated  Additional Descriptors  Technical Names  Hazard Class  UNVNA Number  Packing Group  RQ  II. SENERATOR'S CERTIFICATION  hereby certify that the information identified above and effected to this profile is complete and about to the best of my knowledge and ability to determine that no ornisations of amposition or properties exist, and that of finow or anapported hazardo have been disclosed. I also understand it is my responsibility to properly identify and disably my waste in						es 🕢 No
EPA Hazardous Wasta No. Subcategory  Hazardous Wasta No. Subcategory  Shipping Name Laboratory waste - non-regulated  Additional Descriptors  Technical Names  Hezard Class UNVNA Number Packing Group RQ  TI. GENERATOR'S CERTIFICATION  heraby certify that the information identified above and whached to this profile is complete and accurate to the best of my knowledge and ability to determine that no ornistions of composition or properties exist, and that of known or supposited hazards have been disclosed. I also understand it is my responsibility to group (identify and dessity my waste in				e material they contain?	ΟY	es 🖸 No
Hazard Class UNVNA Number Packing Group RQ RQ ROLL GENERATOR'S CERTIFICATION  Heraby certify that the information identified above and attached to this profile is complete and accurate to the best of my knowledge and ability to determine that no omissions of omposition or properties exist, and that all known or suspected hazarde have been disclosed. I also understand it is my responsibility to properly identify and desaify my waste in	E		Subcategory	Hazardous	ory	
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Hazard Class UN/NA Number Packing Group RQ	Shipping Name L	aboratory waste -	non-regulated	Additional Descriptors		
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	ersby certify that the informe	stion identified above	and attached to this profile is complete			
	· •	•	Ţ	ed. I also understand it is my responsibility to properly ide	ntily and dessify my waste	in
		I wild outle told	nuxv:d			

Page 3 of 3

GENERATOR'S NAME

SIGNATURE

TITLE

DATE

4904 Griggs Road, Houston, TX 7701   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240   7240				CES Env Services	, inc.			<b>*</b>		AL RI
Phone (713) 676-1460   Fax: (713) 676-1676   Phone (713) 676-1460   Fax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-1460   Tax: (713) 676-146	ा ०									
U.S. EPA ID Number: TXR000093007	1	_	•						•	Í
Section 1: Generator Information   Company: Metton America, Inc.					U.S. EP					88585
Company:   Address:	TCE	Q Industrial :	olid Waste Permit	Number: 30948						
Company:   Address:	SECTION 1:	Gen <i>era</i> tor	Information							
Address:    2727 Miller Cut-off Rd										
City:	Address:							·		
Contact:   Judy Johnson	City:			State:	ŤX		Zip:			77571
24/hr Phone Number:  713.817.1627 US EPA 10 No:  TXD00726026  State IO No:  32049 SIC Code:  SECTION 2: Billing Information -	•	Judy Johns	on		Title:	•				
24/hr Phone Number:  713.817.1627  TXD00726026  State ID No:  \$2049 SIC Code:  \$2049 SIC Code:  \$2049 SIC Code:  \$2049 SIC Code:  \$2049 SIC Code:  \$2049 SIC Code:  \$2049 SIC Code:  \$2049 SIC Code:  \$2049 SIC Code:  \$2049 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Code:  \$2040 SIC Co	Phone Num	ber:	281.479.9768		Fax Num	ber:	281.479.4906			
State ID No: 32049 SIC Code:  SECTION 2: Billing Information	24/hr Phone	e Number:	713.817.1627		_					
Same as Above  Company: Address: City: State: Zip: Contact: Title: Phone Number: Fax Number:  SECTION 3: General Description of the Waste  Name of Waste: Lab Debris  Detailed Description of Process Generating Waste: Laboratory Testing  Physical State: Liquid Sludge Powder Solid Filter Cake Combination  Color: Varies Odor: none  Specific Gravity (water=1): na Density: na Ibs/gal  Does this material contain any total phenolic compounds? Yes No  No  Noses this material contain any para substituted phenolic compounds? Yes No  Answer "Yes" If your waste contains benzene waste operation NESHAP? (40 CFR Part 61, Subpart FF) Yes No  Answer "Yes" If your waste contains benzene AND if the SIC code from your facility is one of the following:  2812 2813 2816 2819 2821 2822 2823 2824 2833 2834 2835 2836 2841 2842 2843 2844 2851 2861 2865 2869 2873 2874 2875 2879 2891 2892 2893 2896 2899 2911 3312 4953 4959 9511	JS EPA ID N	lo:	TXD00726026		_					
Company: Address: City: State: Zip: Contact: Title: Phone Number: Fax Number:  SECTION 3: General Description of the Waste  Name of Waste: Lab Debris  Detailed Description of Process Generating Waste: Laboratory Testing  Physical State: Liquid Sludge Powder Solid Filter Cake Combination  Color: Varies Odor: none  Specific Gravity (water=1): na Density: na Ibs/gal  Does this material contain any total phenolic compounds? Yes No  No  Does this material contain any para substituted phenolic compounds? Yes No  Answer "Yes" If your waste contains benzene waste operation NESHAP? (40 CFR Part 61, Subpart FF) Yes No  Answer "Yes" If your waste contains benzene AND if the SIC code from your facility is one of the following:  7812 2813 2816 2819 2821 2822 2823 2824 2833 2834 2835 2836 2841 2642 2843 2844 2851 2861 2865 2869 2873 2874 2875 2879 2891 2892 2893 2896 2899 2911 33112 4953 4959 9511	State ID No:	;.		3204	19 SIC Code	:				
City: State: Zip: Contact: Title: Fax Number: Fax Number: SECTION 3: General Description of the Waste  Name of Waste: Lab Debris Detailed Description of Process Generating Waste:  Laboratory Testing  Physical State: Liquid Sludge Powder Combination  Color: varies Odor: none  Specific Gravity (water=1): na Density: na lbs/gal  Does this material contain any total phenolic compounds? Yes No  Does this material contain any para substituted phenolic compounds? Yes No  Is the Waste subject to the benzene waste operation NESHAP? (40 CFR Part 61, Subpart FF) Yes No  Answer "Yes" If your waste contains benzene AND if the SIC code from your facility is one of the following:  2812 2813 2816 2819 2821 2822 2823 2824 2833 2834 2835 2836 2841 2842 2843 2844 2851 2861 2865 2869 2873 2874 2875 2879 2891 2892 2893 2896 2899 2911 3312 4953 4959 9511	Company:									
Contact: Title: Phone Number: Fax Number: Fax Number: Fax Number: Fax Number: Fax Number: Fax Number: Fax Number: Fax Number: SECTION 3: General Description of the Waste  Name of Waste: Lab Debris  Detailed Description of Process Generating Waste: Laboratory Testing  Physical State: Liquid Sludge Powder Combination  Color: varies Odor: none  Color: varies Odor: none  Specific Gravity (water=1): na Density: na ibs/gal  Does this material contain any total phenolic compounds? Yes No  Does this material contain any para substituted phenolic compounds? Yes No  Is the Waste subject to the benzene waste operation NESHAP? (40 CFR Part 61, 5ubpart FF) Yes No  Answer "Yes" if your, waste contains benzene AND if the SIC code from your facility is one of the following:  2812 2813 2816 2819 2821 2822 2823 2824 2833 2834 2835 2836 2841 2842 2343 2844 2851 2861 2865 2869 2873 2874 2875 2879 2891 2892 2893 2896 2899 2911 3312 4953 4959 9511				State:			Zin:			
Phone Number: Fax Number:    SECTION 3: General Description of the Waste     Name of Waste: Lab Debris     Detailed Description of Process Generating Waste:     Laboratory Testing     Physical State:   Liquid   Sludge   Powder     Solid   Filter Cake   Combination     Color: varies   Odor: none	• •		·····	Jigit.	Title					<del></del>
Name of Waste: Lab Debris  Detailed Description of Process Generating Waste:  Liquid Sludge Powder  Solid Filter Cake Combination  Color: varies Odor: none  Specific Gravity (water=1): na Density: na Ibs/gal  Does this material contain any total phenolic compounds? Yes No  Does this material contain any para substituted phenolic compounds? Yes No  Is the Waste subject to the benzene waste operation NESHAP? (40 CFR Part 61, Subpart FF) Yes No  Answer "Yes" If your waste contains benzene AND if the SIC code from your facility is one of the following:  2812 2813 2816 2819 2821 2822 2823 2824 2833 2834 2835 2836 2841 2842 2843 2844 2851 2861 2865 2869 2873 2874 2876 2879 2891 2892 2893 2896 2899 2911 3312 4953 4959 9511		har				han			<del></del>	<del></del>
Physical State: Liquid Sludge Powder  Solid Pilter Cake Combination  Color: varies Odor: none  Specific Gravity (water=1): na Density: na Ibs/gal  Does this material contain any total phenolic compounds? Yes No  Does this material contain any para substituted phenolic compounds? Yes No  Is the Waste subject to the benzene waste operation NESHAP? (40 CFR Part 61, Subpart FF) Yes No  Answer "Yes" If your waste contains benzene AND if the SIC code from your facility is one of the following:  2812 2813 2816 2819 2821 2822 2823 2824 2833 2834 2835 2836 2841 2842 2843 2844 2851 2861 2865 2869 2873 2874 2876 2879 2891 2892 2893 2896 2899 2911 3312 4953 4959 9511				ing Waste:				<del></del>	<u> </u>	<del></del>
Solid	Laboratory 1	Testing			·	<u></u>		<del></del>	· · ·	· · ·
Specific Gravity (water=1):	Physical Sta		•	L			•			
Does this material contain any total phenolic compounds?	Color:	varies	·		Odor:		none		<del>,</del>	
Does this material contain any para substituted phenolic compounds? ☐ Yes ☑ No  Is the Waste subject to the benzene waste operation NESHAP? (40 CFR Part 61, Subpart FF) ☐ Yes ☑ No  Answer "Yes" If your waste contains benzene AND if the SIC code from your facility is one of the following:  2812 2813 2816 2819 2821 2822 2823 2824 2833 2834  2835 2836 2841 2842 2343 2844 2851 2861 2865 2869  2873 2874 2876 2879 2891 2892 2893 2896 2899 2911  3312 4953 4959 9511	Specific Gra	vity (water	=1):	na	_		Density: na	lbs/	gai	
Is the Waste subject to the benzene waste operation NESHAP? (40 CFR Part 61, Subpart FF)	Does this m	naterial con	tain any total phe	nolic compounds?	Ö	Yes	☑ No			
Answer "Yes" if your waste contains benzene AND if the SIC code from your facility is one of the following:  2812 2813 2816 2819 2821 2822 2823 2824 2833 2834  2835 2836 2841 2842 2843 2844 2851 2861 2865 2869  2873 2874 2876 2879 2891 2892 2893 2896 2899 2911  3312 4953 4959 9511	Does this m	aterial con	tain any para sub	stituted phenolic co	mpounds?		T Yes	☑ Ño		•.
2835     2836     2841     2842     2843     2844     2851     2861     2865     2869       2873     2874     2876     2879     2891     2892     2893     2896     2899     2911       3312     4953     4959     9511	Is the Wast Answer "Ye	e subject to s" If your w	the benzene wa aste contains ben	ste operation NESHA zene AND if the SIC o	P? (40 CFR ode from y	Part é our fa	i1, Subpart FF) cility is one of th	e following:		No
2873 2874 2876 2879 2891 2892 2893 2896 2899 2911 3312 4953 4959 9511	2812	28:	13 2816	2819 28	21	2822	2823	2824	2833	2834
3312 4953 4959 9511	2835	283	36 2841	2842 28	43	2844				
	2873	287	74 2876	2879 28	91.	2892		2896	2899	2911
	3312	_ "	,	<u> </u>					\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.	
Layers:  Single-phase  Multi-phase	Layers:	'☑ Si	ngle-phase	☐ Multi-phase						-

☐ Tote ☐ Truck ☐ Other (explain)

✓ Drum

Quantity: variable

Frequency: Weekly Monthly Yearly One-Time

If "Yes", th	en please con	mplete, sign an	-	riying Hazar D002 (Corr	rosive)	nts Form atta	ctive)		
Characteris	tic for Toxic	Metais:	□ D004 □ D010	□ D005 □ D011		5 <u> </u>	0008	□ 0009	
Characteris	tic for Toxic	Organics: D01	12 thru D043 (ç						
		ed waste or m ist ALL applica	nixed with one able codes:	?	☐ Yes	· 2	No		
40 CFR Z61.	33(e) or (f)?			<u>-</u>	a "U" or "P" w; ] No	aste code ur	ıder		
Texas State	Waste Code	: Number:				00024031	-		
Proper US E	OT Shipping	g Name:	Non RCRA N	ion DOT Re	gulated materi	ial (Lab wast	e)		
Class:	na	UN/NA:	na	PG :	na	RQ:	na		
Flasi	Paint	T	pH	Reacti	ve Sulfides	Reactive	Cyanides	Sali	ds
>:	140	Ve	eutral	0	tng/l	0	mg/l	100	%
Oil &	Grease	7	τος		Zinc	Co	per	Nicl	
>1500	mg/l	na		U.S.	<u>mg/(</u>	na	mg/l	กล่	mg/l
SECTION 4:		Chemical Da							
		MPONENTS T				CONCENT		· ·	UNITS
			llowing materia			Ranges are			ar%
Lab deb	ris including	gloves, Prc, a	and packaging r	naterial			0		<u>%</u>
			. ,	·				<del></del>	
							·		

SECTION 5: Safety R If the handling of this Standard PPE	elated Data s waste requires the use of special protective equip		
	d Supporting Documents		
List all documents, n	otes, data and/or analysis attached to this form as	part of the waste	
approval package.	попе	-	
SECTION 7: Incomp			
Please list ALL incom	ipatibilities (if any):		
none known			
	tor's Knowledge Documentation		
• •	of the hazardous waste characteristics, listed below	, was not performed	
based upon the follo	owing generator knowledge:		
TCLP Metals:	:x:		
TCLP Volatiles:	x		
TCLP Semi-Volatiles			
Reactivity:	×		
Corrosivity:	X ·		
Ignitability:	×		
CECTION O. Marta De	ecelot Classification Under 40 CFR 437 (Prtaining to Pre-	Treatment Begiltements (	or Centralized Waste Treatment
Facilities)	Cope Chastiffed from Ginner and Common 12 (Meleting to Cop	Treatment the same of the same	4
Is this n	naterial a wastewater or wastewater sludge? res', complete this section.	YES	☑ NO
PLEASE	CHECK THE APPROPRIATE BOX. IF NO APPROPRIATE C	ATEGORY, GO TO THE NEXT	TPAGE.
Metals Subcategory :	Subport A		•
	lectroplating baths and/or sludges		
****	Inishing rinse water and sludges		
	ite wastes ution control blow down water and sludges		
	nodizing solutions		
Incinen	ation wastewaters		
	llquid mercury e-containing wastes greater than 136 mg/l		
	acids and bases with or without metals		
Cleanin	g, rinsing, and surface preparation solutions from elect	roplating or phosphating of	perations
☐ Vibrato	ry deburring wastewater		
∐ Alkalin	e and acid solutions used to clean metal parts or equipm	nent	
Oils Subcategory: Si			
∐ Used o			
Lubrica	er emulsions or mixtures		•
Coolan			2.
Contan	ninated groundwater clean-up from petroleum sources		<u> </u>
	etroleum products 1		- <b>v</b> /
∐ Oll spil ☐ Bilge w	l clean-up		• •
	wash waters from petroleum sources		

	Interceptor wastes
	☐ Off-specification fuels ☐ Underground storage remediation waste
	Tank clean-out from petroleum or oily sources
	Non-contact used glycols
	Aqueous and all mixtures from parts cleaning operations
	Wastewater from oil bearing paint washes
<u>Organics</u>	<u>Subcategory</u> : Subpart C
	Landfill leachate
	Contaminated groundwater clean-up from non-petroleum sources
	Solvent-bearing wastes Off-specification organic product
	Still bottoms
	Byproduct waste glycol
	Wastewater from paint washes
	Wastewater from adhesives and/or epoxies formulation
	Wastewater from organic chemical product operations.  Tank clean-out from organic, non-petroleum sources
	The same create of the trial of Same's desired society
(1)	
	If the waste contains oil and grease at or in excess of 100 mg/L, the waste should be classified in the oils subcategory.
(2)	
	If the waste contains oil and grease less than 100 mg/L, and has any of the pollutants listed below in concentrations in
	excess of the values listed below, the waste should be classified in the metals subcategory.
	Cadmium: 0.2 mg/L
	Chromium: 8.9 mg/L
	Copper: 4.9 mg/L
	Nickel; 37.5 mg/L
(3)	
	If the waste contains oil and grease less than 100 mg/L, and does not have concentrations of cadmlum, chromium, copper,
	or nickel above any of the values listed above, the waste should be classified in the organics subcategory.
	Metals Subcategory
	Oils Subcategory
	Organics Subcategory
SECTION	10 Additional Instructions
16	not determine the correct subcategory in Section 9 and you did not furnish data for the concentration of Cadmium, Chromium,
	not determine the correct subcategory in Section 9 and you did not turnish data for the concentration of Cadmium, Chromium, lickel, and Oil and Grease, CES will send offsite to a commercial laboratory, a sample to determine these concentrations. This
	or to acceptance. The generator will be responsible for the cost of the analysis.
	11: Generator's Certification
	mation contained herein is based on 🔃 generator knowledge and/or 🔲 analytical data:
	certify that the above and attached description is complete and accurate to the best of
	ledge and ability to determine that no deliberate or willful omissions of compostion
	es exist and that all known or suspected hazards have been disclosed. I certify that the
material	s tested are representative of all materials described by this document.
Authoris	ed Signature: ALULA MODO Date; 3-9-09
Autilonia	ed digitalities.
Printed I	Name/Title: UUQU COHNSON - CUDTONO OVC
CES USE	ONLY (DO NOT WRITE IN THIS SPACE)
	nce Officer:
Date:	Approved Rejected
Approva	Number:
ı	· <b>I</b>



## PROCESS FACILITY INFORMATION (CES USE ONLY)!!!

1. Base Pricing (including freight):
\$ 65 drum + Trans + DC
2. Contamination Limit (maximum limit before surchages apply):
3. Surcharge Pricing:
4. Special Testing Requirements:
5. Treatment and Handling Protocol:
Class 1 solids
6. Treated Wastewater Discharge Subcategory:
o. Heaten wastewater Discharge Subcategory.
Subcategory A Subcategory B Subcategory C



## PROCESS FACILITY INFORMATION (CES USE ONLY)!!!

7. Tests for Produ	uct Recovered/R	ecycled (if appl	icable):		
8. Management f	or Product Reco	vered/Recycled	l (if applicable)		
			, , , , , , , , , , , , , , , , , , , ,		

1-8 **H-DCP** 1993.5.20 (1/5)

**SAFETY -DATA** 

SHEET

1. CHEXICAL PRODUCT & COMPANY IDENTIFICATION

. CHEMICAL PRODUCT NAME

: H-DCP

- . NAME OF MANUFACTURER/SUPPLIER: MARUZEN PETROCHEMICAL CO., LTD.
- . NAME OF SECTION: SAFETY & ENVIRONMENTAL PROTECTION DEPT.

. ADDRESS

: 25-10, HATCHOBORI 2-CHOME, CHUO-KU, TOKYO, JAPAN

. TELEPHONE HUMBER

: 03-3552-9364

. FAX NUMBER

: 03-3555-0768

## 2. COMPOSITON/INFORMATION ON INGREDIENTS

CHEMICAL (SUBSTANCE). MIXTURE(PREPARATION): CHEMICAL

. CHEMICAL NAME (GENERIC NAME) : Dicyclopentadiene

. SYNONYM(S)

: 3a,4,7,7a-Tetrahydro-4,7-Methanoindene

. CAS REGI STRY HUMBER

: 77-73-6

- . INGREDIENTS(IMPURITIES) AND COMPOSITION: Not less than 99%
- . CHEMICAL FORMULA(CONSTITUTIONAL FORMULA. STRUCTUAL FORMULA): C10 H12.
- . UN CLASS: 3
- . UN No.: 2048

## 3. HAZARDS IDENTIFICATION

- . CLASS NAME IN THE JAPAN CLASSIFICATION SYSTEM OF HAZARDOUS CHEMICALS FOR PREPARING SDS: Inflammable liquids
  - . PHYSICAL AND CHEMICAL HAZARDS: In use, may form inflammable / explosive vapor-air mixture.
  - . ADVERSE HUMAN HEALTH EFFECTS: Absorbed through wind pipe by inhalation.
  - . ENVIRONMENTAL EFFECTS: This material is designated as marine pollutant.

## 4. <u>FIRST-AID MEASURES</u>

. EYE CONTACT: . Gently rinse the affected eye(s) with clean water for at least

15 minutes.

. Arrange for transport to the nearest medical facility for examination and treatment by a physician as soon as possible.

(1-8 H-DCP 1993.5.20 (2/5)

. SKIN CONTACT: . Remove clothing, shoes and socks from the affected areas as quickly as possible.

- . Wash the affected area under tepid running water using mild soap.
- . INHALATOIN: . Remove the victim from the contamination immediately to fresh
  - Arrange for transport to the nearest medical facility for examination and treatment by a physician as soon as possible.
- . INGESTION: . Rinse mouth with water.
  - . Try to get the victim to vomit by having the victim touch the back of their throat with a finger.
  - . Arrange for transport to the nearest medical facility for
  - . Examination and treatment by a physician as soon as possible.

## FIRE-FIGHTING MEASURES

- . EXTINGUISHING MEDIA:. In case of fire, use water spray, foam, dry chemical powder or carbon dioxide.
- . SPECIFIC HAZARDS WITH REGARD TO FIRE-FIGHTING MEASURES:
  - . Keep personnel removed from and upwind of fire.
  - . Firefighters should wear proper protective equipment.
  - . Move containers from fire areas if it can be done without risk.
  - . Shut off fuel to fire if possible to do so without hazard.

## 6. ACCIDENTAL RELEASE MEASURES

- . Evacuate non essential personnel.
- . Wear proper protective equipment.
- . Shut off all sources of ignition.
- . Sweep up, place in a bag and hold for waste disposal.
- . In case of spill vacuum and remove.

## 7. HANDLING & STORACE

- . HANDLING: . Use in the well-ventilated areas.
  - .. Avoid contact with skin or eyes.
  - . Evacuate non essential personnel.
  - . Equipments should be grounded and bonded.
  - . Use explosion proof electrical (ventilating and lighting) equipment.

1-8 H-DCP 1993.5.20 (3/5)

.STORAGE: . Store in a cool dry, well-ventilated location.

- . Keep away from heat, steam pipe or sunlight.
- . Separate from oxidized materials.

## 8. EXPOSURE CONTROL/PERSONAL

## PROTECTION. CONTROL PARAMETERS

. ACGIH TLV (1977)

TWA 5ppm (27 mg/m3)

- . ENGINEERING MEASURES
  - . Use with local exhaust ventilation.
  - . Make available in the work area emergency shower and eye wash.
- . PERSONAL PROTECTIVE EQUI PMENT
  - . RESPIRATORY PROTECTION: Wear gas mask with an organic vapor canister.
  - . EYE PROTECTION: Wear protective eyeglasses or chemical safety goggles.
  - . HAND, SKIN AND BODY PROTECTION:
    - . To prevent any contact, Wear impervious clothing such as gloves. apron, boots or whole body suits, as appropriate.

## 9. PHYSICAL & CHEMICAL PROPERTIES

_PHYSICAL STATE, FOR/!:

Solid

.APPEARANCE:

Crystal

.COLOUR:

White

, ODOR :

Unpleasant odor

(35/4 C)

. DENSITY:

0.977

.BOILING POINT:
.MELTING POINT:

170C

·IMEETING! ONT!

33.6C

. V APOUR PRESSURE:

13.3 KPa (105 C)

. SOLUBILITY IN WATER:

Insoluble

. SOLUBILITY IN ORGANIC SOLVENT: Soluble in alcohol, ether

## 1 O. PHYSICAL HAZARD (STABILITY & REACTIVITY)

.FLASH POINT:

44 C

. AUTOIGNITION TEMPER.AURE:

491 C

. UPPER AND LOWER EXPLOSION LIMIT: 7.0von: . Ivo!%

- . Flammability: Vapor may catch fire and explode.
- . Spontaneous combustibility: not applicable

1-8 H-DCP 1993.5.20 (4/5)

Reactivity with water: Not applicable

.Oxidizibility: Not applicable}

.Self-reactivity: Hot applicable

. STABILITY & REACTIVITY: . This material decomposes to cyclopentadiene when heated in 140-170-c.

### 11. TOXICOLOGICAL INFORMATION

. Corrosive and irritant properties: . This material is mildly irritating to

rat skin and eye.

. Allergenic and sensitizing effects: . No relevant information found.

. Acute toxicity:

. Oral (mouse)

LD50

190mg/kg

. Oral (rat)

LD50

353mg/kg

Dermal (rabbi t)Inhalation(mouse)

LD50 LD50 5080mg/kg 145ppm/4H

. Sub-chronic toxicity: . Rats exposed to 332ppm repeatedly for 10 days died. but

rats to 146ppm did not die.

- . Chronic toxicity: . Rats exposed to 74 ppm and 35ppm for 7 hours per day for 89 labor days showed kidney damage.
- . Carcinogenic effects: . No relevant information found.
- . mutagenic effects: . This material is negative in mutagenic effects test

using salmonella fungus.

- . Effects on the reproductive system: . No relevant information found.
- . Teratogenic: effects: . No relevant information found.

## 12. ECOLOGICAL INFORMATION

- . Biodegradability: . No relevant information found.
- . Bioaccumulation: . No relevant information found.
- . Fish toxicity: . No relevant information found.

## 1 3. <u>DISPOSAL CONSIDERATION</u>

Any disposal practice must be in compliance with local state or federal laws and regulations.

## 14. TRANSPORT INFORMATION

 Any transportation practice must be in compliance with local state or federal laws and regulations. 1-8

H-DCP 1993.5.20

(5/5)

## 15. REGULATORY INFORMATION

Follow all federal state and local regulations in your country.

## 16. OTHER INFORMATION

. References: No specific notes.

. To the best of our knowledge the information contained here in is accurate.

However, neither MARUZEN PETROCHEMICAL CO.,LTD. nor any subsidiaries assumes

any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of

suitability of any material is the

sole responsibility of the user. All materials may present unknown hazards and should be used in caution. Although

certain hazards are described herein, we

cannot guarantee that these are the only hazards which exist.

- Afton Off-Spec Products

EPAHO082001568



## **Certificate of Analysis**

C of A Date:01/22/2008							
Customer:			Register:				<del></del>
	<u> </u>		Customer Car/Trailer				
			Batch No.: Lot No.:		8233B		
Product:		ŀ	HTEC 5	52GP			
Property	Method	Units	Minimum	Maxir	num	Result	
Phosphorus	ICP	Mass %	0.45	0.61		0.51	
Sulfur	ASTM D7039	М%	2.98	4.04		3.31	
Flash Point,PM	ASTM D93	С	120			150	
Specific Gravity @ 15.6/15.6 C	<b>ASTM D4052</b>		0.886	0.916	i	0.902	
Zinc	ICP	Mass %	0.50	0.70		0.60	
Nitrogen	ASTM D5291	Mass%	0.12	0.20		0.14	
Appearance		Visual	Pass			Pass	
Viscosity @ 100 C	ASTM D445	cSt	70	130		112	
Infrared Spectrum			Matches R	eferenc	9	Pass	
Acid Number, Total	ASTM D664	maKOH/a	Report			2.75	

This Certificate of Analysis prepared by South Coast Terminal

Lester Young
FOR, LESTER YOUNG
LABORATORY MANAGER

## **** INTERNAL USE ONLY ****

# **Sales Specification Sheet**HiTEC*552GP

ExxonMobil

Date Effective: December 5, 2007

## Sales Specification Characteristics

					Limits	
<u>Inspection</u>	<u>Units</u>	Method	<u>Instrument</u>	<u>Min</u>	<b>Target</b>	<u>Max</u>
Phosphorus	%M	D4951 Mod	ICP	0.45	0.53	0.61
Sulfur	%M	D1552	LECO SC-432	2.98	3.51	4.04
Flash Pt. °C (PMCC)	°C	D93 Mod	Auto Flash Tester	120		
Sp. Gr. @ 15.6/15.6°C	Sp Gr	D4052	DMA-4500	0.886	0.901	0.916
Zinc	%M	D4951 Mod	ICP	0.50	0.60	0.70
Nitrogen	%	D5291 Mod	LECO FP-2000	0.12	0.16	0.20
Appearance (1)		EC-112A	Visual			
Visc @ 100°C	cSt	D445	Cannon Autovisc	70	100	130
FTIR (2)		EC-180B	FTIR			
TAN	mgKOH/g	D664 Mod	Buret		Report	

- (1) Light Brown Liquid
- (2) Must match standard

## **Additional Product Information**

Handling Temperature:

Recommended handling & storage temp.: ambient

Max. storage temp.: 50°C

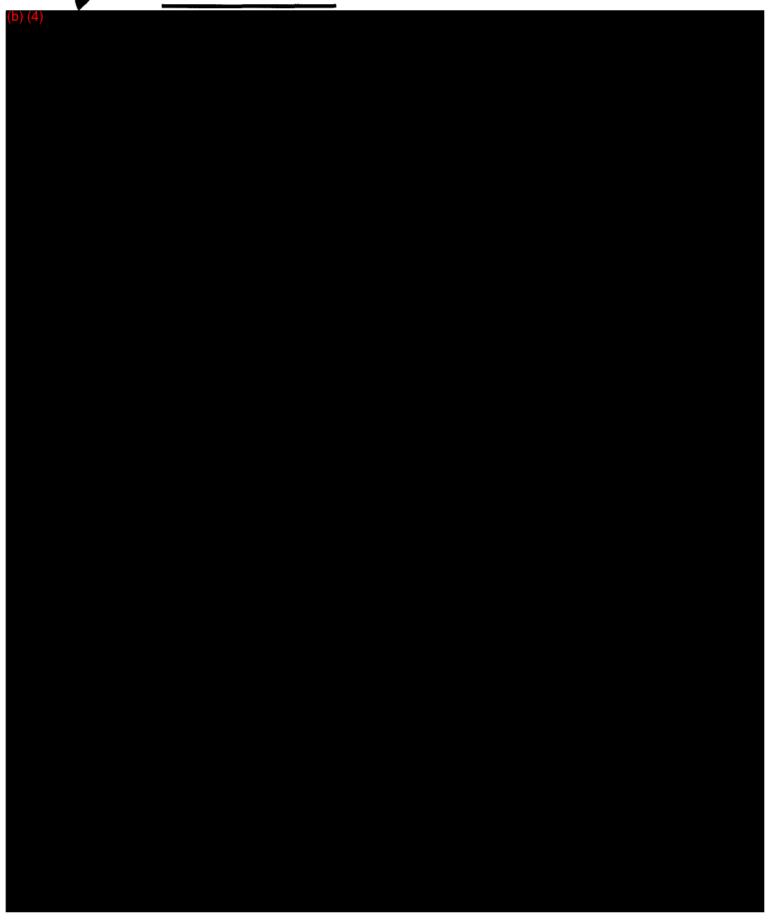
Max. handling & blending temp.: 85°C Max. skin temp. (static): 100°C Max. skin temp. (agitated): 121°C

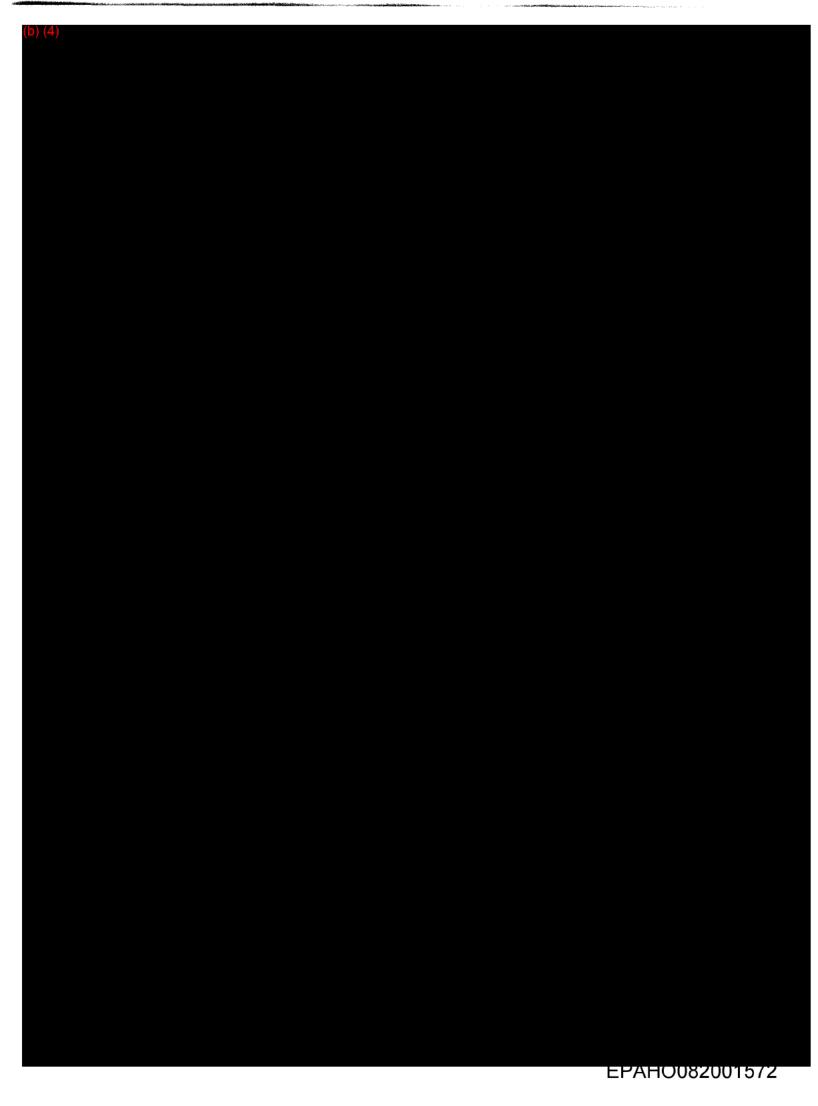
Shelf Life Recommendation: 24 months @ ambient Thermal Coefficient of Expansion: 0.00066/°C

AFTON CHEMICAL PRODUCT MANAGER:	
CUSTOMER ACCEPTANCE:	
NAME:	
TITLE:	
COMPANY NAME:	
DATE:	

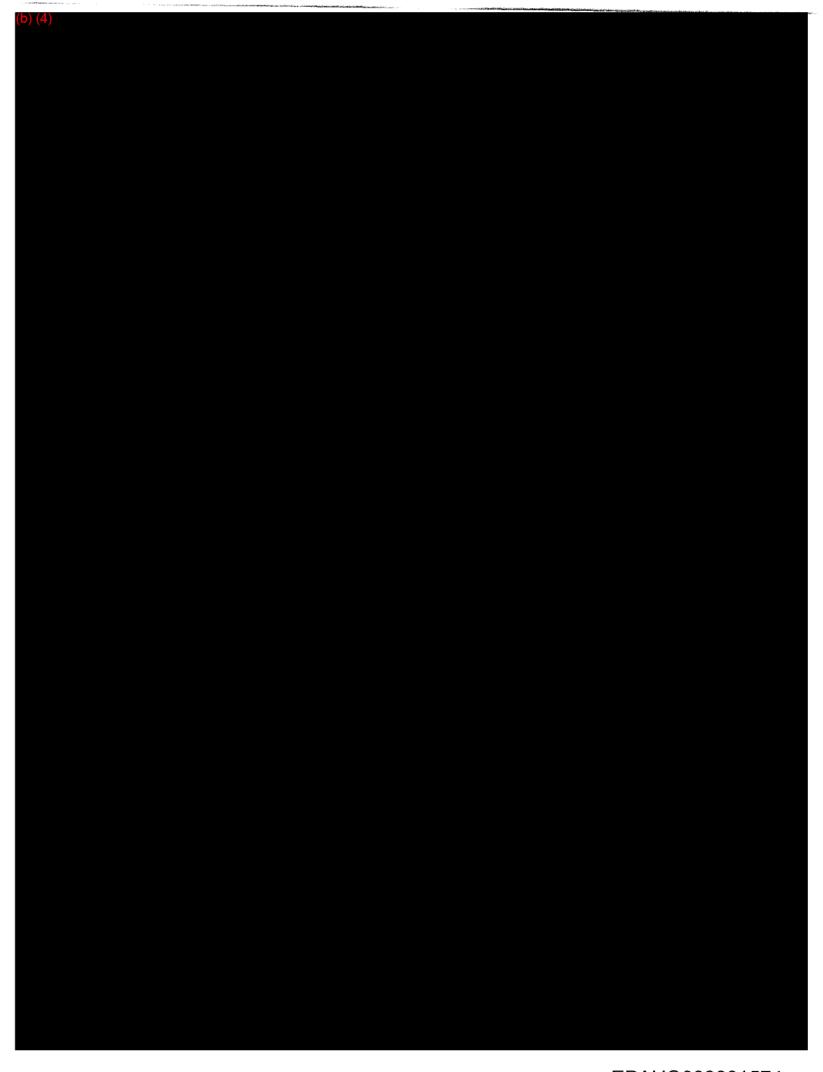


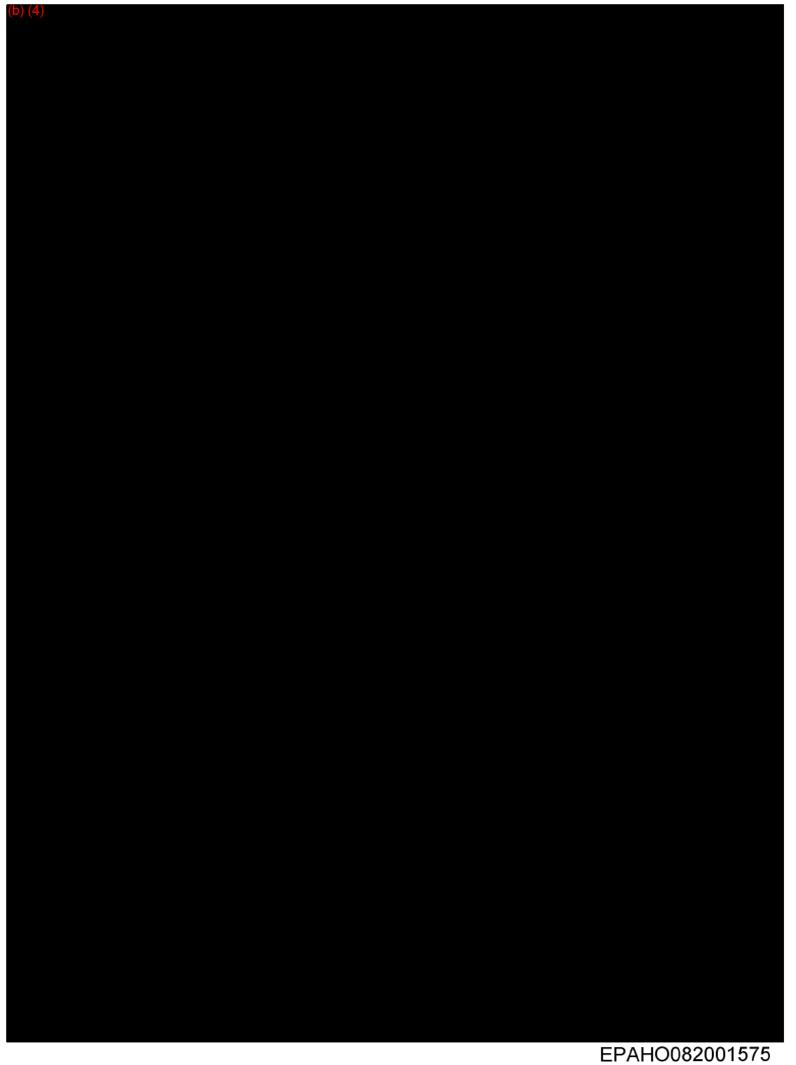
## **Material Safety Data Sheet**











*** END OF MSDS ***

at southerust pass Gear Adding Cittle Phisphoneus
William Base of Amin Phini/ 2mc Exxen But frag it congrane #552/12 - Actual Analysis \$ 1.50 -Remove Hazer Color 2.50 井 - need more sample as soud product to run in our leb As fael Worst Case Ethylene - Propylan Copymer - Gean Addition half Base Dil/ Hett Polyne ( Retroit) \$ 100,000 Try to Market as is boad 24 netric - Need MSPS tons Samples sheet Donit material is on spec. anymone CONOLO (2) 8 900 Lunch



# Material Safety Data Sheet

MSDS No.

H5760

HiTEC is a trademark owned by Afton Chemical Corporation or one of its subsidiaries.

## Product and Company Identification

**HiTEC 5760 Performance Additive** 

**Product Use** 

Petrochemical industry: Viscosity Index Improver

**Validation Date** 

21 February 2007

## In Case of Emergency - Chemical

1-800-403-0044 (US & Canada) 1-804-648-7727 (International) 32-2-507-20-64 (Europe) 81-3-5210-4890 (Japan)

## Manufacturer / Supplier

Afton Chemical Corporation 500 Spring St. Richmond, VA 23219 1-804-788-5800

In Japan: Afton Chemical Japan Corporation Sumitomo Fudousan Sanbancho Bldg. 5F 6-26 Sanbancho, Chiyoda-ku Tokyo 102-0075 Japan Emergency phone: 81-3-5210-4890 Afton Chemical Limited Euro-Tech Centre London Road, Bracknell, Berkshire RG12 2UW, England 44 1344-304141

In Australia:
Afton Chemical Asia Pacific Company
Level 9, 20 Berry Street
North Sydney, NSW 2060
Australia
Telephone number: 02-9923-1588
Business Hours: 9:00am - 5:00pm

## Composition and Information on Ingredients

Note: See section 8 for occupational exposure limits and section 11 for LC50/LD50 information.

Substance/Preparation

: Substance

Ingredient name

CAS No.

Conc. (% w/w) EU Classification

WHMIS Regulated?

No component is present at sufficient concentration to require a hazard classification for health in accordance with EC Directives.

## Hazards Identification

## Notice to Reader

Afton operates a world-wide system for hazard communication. Some hazards shown in Section 3 may apply to non-EU countries and may not result in classification and labeling in the EU. Please see Section 2 and 15 for country specific classification information, and Section 11 for additional details.

The substance is not classified as dangerous according to Directive 67/548/EEC and its amendments.

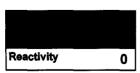
Not classified as hazardous according to the criteria of NOHSC nor classified as dangerous goods according to the ADG Code.

Primary Hazards and Critical Effects : NOTICE!

**Environmental Hazards** 

Not classified as dangerous for the environment according to EC criteria.

Hazardous Material Information System (U.S.A.)



**HiTEC 5760 Performance Additive** 

in Case of Emergency 1-800-403-0044 (US/Canada) 1-804-648-7727 (Int'I) 32-2-

#### First Aid Measures 4.

Inhalation

: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get

medical attention if s /mptoms appear.

Ingestion If affected person is fully conscious, give one glass of water to drink. Never give anything by mouth to an

unconscious person. Get medical attention if symptoms appear.

Skin Contact : Wash with soap and water. Get medical attention if irritation develops.

**Eye Contact** : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention

immediately.

#### 5. Fire-Fighting Measures

**Extinguishing Media** 

In case of fire, use water spray (fog), foam, dry chemical, or CO2.

**Fire-Fighting Procedures** 

Fire-fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout

gear

**Hazardous Decomposition** 

**Products** 

These products are carbon oxides (CO, CO₂).

Flash point

: Closed cup: 180°C (356°F). (Pensky-Martens. Minimum)

## **Accidental Release Measures**

**Personal Precautions** 

: Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective

equipment (section 8). Follow all fire-fighting procedures (section 5).

Environmental

Precautions and Clean-up

Methods

If emergency personnel are unavailable, contain spilled material. For small spills, add absorbent (soil may be used in the absence of other suitable materials) and use a non-sparking or explosion-proof means to transfer material to a sealable, appropriate container for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container

for disposal. Minimize contact of spilled material with soils to prevent runoff to surface waterways.

Note: See section 1 for emergency contact information and section 13 for waste disposal.

## Handling and Storage

Handling

Wash thoroughly after handling.

Storage

Keep container tightly closed. Keep container in a cool, well-ventilated area.

## Exposure Controls and Personal Protection

**Engineering Controls** 

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors

below their respective threshold limit value.

Personal Protective Equipment

**Respiratory System** 

Use appropriate respiratory protection if there is the potential to exceed the exposure limit(s).

Skin and Body

Disposable outer garments when there is the potential for contact with the material.

Hands

: Use chemical resistant, impervious gloves.

Eyes

: Safety glasses with side shields. Goggles with a face shield may be necessary depending on quantity of material and conditions of use.

Occupational Exposure Limits

**Ingredient Name** Exposure limit not established. **OEL United States** 

**OEL Canada** 

**OEL Europe** 

**OEL Australia** 

Page: 2/5

## Physical and Chemical Properties

Physical State and

**Appearance** 

: Liquid. (Clear to slightly hazy liquid. Viscous liquid.)

Color

Odor

: Off-white. (Light.) Petroleum-like. (Slight.)

**Specific Gravity** Solubility

: 0.853 @ 15.6°C

Viscosity

: Insoluble in cold water. : 20000 cSt @ 40°C

1100 cSt @ 100°C (typical)

Flash Point

: Closed cup: 180°C (356°F). (Pensky-Martens. Minimum)

**HiTEC 5760 Performance Additive** 

in Case of Emergency 1-800-403-0044 (US/Canada) 1-804-648-7727 (Int'l) 32-2-

507-20-64 (Eu)

## 10. Stability and Reactivity

Stability

: The product is stable.

Materials to avoid

Strong oxidizing and reducing agents.

Conditions to avoid

: High temperature i, sparks, and open flames.

## 11. Toxicological Information

Routes of Entry

: Skin, Eyes, Ingestion, and Inhalation.

**Target Organs** 

: None known.

**Acute Effects** 

Inhalation

: Not determined.

Ingestion

: Not determined.

**Skin Contact** 

: Non-irritating to the skin.

Eye Contact

: Non-irritating to the eyes.

**Chronic Effects** 

Adverse Effects

: Not determined.

**Toxicity Data** 

Ingredient Name

<u>Test</u>

Result

Route

**Species** 

Not determined.

Other information : Not available.

## 12. Ecological Information

Environmental Hazards

: Not classified as dangerous for the environment according to EC criteria. Based on calculation.

**Environmental Fate** 

This product contains components which may be persistent in the environment.

## 13. Disposal Consideration

Waste Handling and

: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Disposal

## 14. Transport Information

Regulatory Information	UN number	Proper shipping name	Class	Packing Group	Label	Additional information
DOT Classification	Not regulated.	-	-	-		-
	Not regulated.	-	-	-		-
ADR/RID Class	Not regulated.	-	-	-		-
	Not regulated.	-	-	-		-
IATA-DGR Class	Not regulated.	-	-	-		-
ADG Class	Not regulated.	-	-			-

## Notice to Reader

The above transport information is provided to assist in the proper classification of this product and may not be suitable for all shipping conditions.

HiTEC 5760 Performance Additive

! Case of Emergency 1-800-403-0044 (US/Canada) 1-804-648-7727 (Int'l) 32-2-07-20-64 (Eu)

#### 15. Regulatory Information

**EU Regulations** 

Risk Phrases

: This product is not classified according to EU legislation.

: No SARA 313 chemicals are present above the reporting threshold.

Safety Phrases

: Not applicable.

**US Regulations** 

SARA 313 toxic chemical

notification and release

reporting **SARA 311/312** 

: SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found.

Hazardous Categorization

RQ (Reportable quantity)

State - California Prop. 65 : No products were found.

Canadian Regulations

WHMIS (Classification)

: Not controlled under WHMIS (Canada).

International Inventory Status

**United States** 

: All components on TSCA Inventory

Canada

: All components on DSL

Europe

All components on EINECS

Japan

All components on METI

Australia Korea

All components on NICNAS

China

All components on ECL All components on IECSC

**Philippines** 

: All components on PICCS

#### 16. Other Information

## PREPARATION INFORMATION

Validated by _HS&E Department (Tel: +1 804 788 5800) on 2/21/2007.

Date of Printing

2/21/2007.

Indicates information that has changed from previously issued version.

This information and these recommendations are offered in good faith and believed to be correct as of the date hereof. Information and recommendations are supplied upon the condition that the recipients will make their own decision as to safety and suitability for their purposes. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose, or of any other nature, are made with respect to the product or the information and recommendations. Afton makes no representation as to completeness or accuracy. In no event will Afton be responsible for damages of any nature whatsoever resulting from the use or reliance upon the information and recommendations.

## ADDRESS CONTACT INFORMATION

In the United States and Canada: Afton Chemical Corporation 500 Spring Street Richmond, Virginia USA 23219-2183

Telephone number: 804-788-5800

In Singapore: 111 Somerset Road #09-05 Singapore Power Building

Singapore 238164 Telephone number: 65-6732-0822 In Europe: Afton Chemical Limited **Euro-Tech Centre** London Road, Bracknell, Berkshire RG12 2UW, England 44-1344-304141

Page: 5/5

In Japan:
Afton Chemical Japan Corporation
Sumitomo Fudousan Sanbancho Bldg.
5F
6-26 Sanbancho, Chiyoda-ku
Tokyo 102-0075 Japan
Emergency phone: 81-3-5210-4890

In Australia:
Afton Chemical Asia Pacific Company
Level 9, 20 Berry Street
North Sydney, NSW 2060
Australia
Telephone number: 02-9923-1588
Business Hours: 9:00am - 5:00pm

*** END OF MSDS ***



## Material Safety Data Sheet

World Headquarters Micdlebury, CT 06749

Uniroyal Chemical Company, Inc. UNIROYAL Emergency Phone: (203) 723-3670 CHEMTREC Transportation Emergency Phone: 1-800-424-9300 SAFETY DATA Information (203) 573-3303

R576040 MSDS No.

5/28/96

Date Issued: Date Revised: 2/8/99; Supercedes: 10/1/98

**R-3** 

IDENTIFICATION

Trade Name: TRILENE® CP 30

CAS Number:

9010-79-1

Chemical Name:

Ethylene-Propylene Copolymer

Chemical Family:

Hydrocarbon

SPECIAL REGULATORY HAZARDS

Ingredient Product

CAS No. 9010-79-1 **Exposure Limit** ND

OSHA (1910.1200) No regulated

hazards

No regulated hazards

EEC*

Hazard assessment based on available data.

Transportation:

PHYSICAL DATA

Viscous liquid; hydrocarbon odor Appearance and Odor:

Insoluble in water; soluble in Solubility:

non-polar solvents

Melting Point:

**Boiling Point:** 

Other Data:

Specific Gravity (H₂O = 1): NA

Vapor Pressure @ 20°C.

Vapor Density (Air = 1):

Volatility @ 70°F:

FIRE AND EXPLOSION HAZARD DATA

>300°F (149°C) COC Flash Point:

Autoignition Temp:

Extinguishing Media:

Water fog, foam, CO2

Protect against inhalation of combustion products. Use water spray to cool fire

ND

Special Fire Fighting Procedures: exposed containers, structures and protect personnel.

Unusual Hazards:

None identified.

REACTIVITY DATA

Stable at ambient temperatures and pressures.

Incompatibility:

None identified.

**Decomposition Products:** 

Oxides of carbon under burning conditions.

NA = Not Applicable

ND = Not Determined

*European Economic Community

Uniroyal makes no representation or warranty with respect to the information in this Material Safety Data Sheet. The information is however, as of this date provided, true and accurate to the best of Uniroyal's knowledge. This list of information is not intended to be all inclusive. Actual conditions of use and handling may require considerations of information other than, or in addition to, that which is provided herein.

## SPECIAL PROTECTION INFORMATION

Engineering Controls: Local exhaust ventilation recommended for all hot processing operations.

Personal Protection Equipment: Gloves and safety goggles should be worn when handling. Contact with polymer that has been heated to elevated temperatures may cause thermal burns. If ventilation is inadequate during hot processing, NIOSH-certified respiratory protection should be worn.

## STORAGE, SPILLS AND DISPOSAL INFORMATION

Storage: Store away from sources of direct heat in a dry area. Keep containers closed when not in use.

Spills: Absorb on inert material. Shovel into secure containers for proper disposal.

Disposal: This product is not a listed hazardous waste as sold, however, chemical additions, processings and altering may cause this substance to become a hazardous waste. Therefore, check all applicable local, state and federal regulations regarding resultant waste.

Environmental Information: Environmental effects have not been determined.

## HEALTH RELATED DATA

Specific Hazard(s): Fumes or vapor from heated polymer may be toxic and/or irritating to eyes, skin, mucous membrane and respiratory tract.

Primary Route(s) of Entry: Skin and/or eye contact, inhalation of hot fumes.

First Aid Procedures; Skin contact: Wash area with soap and water. If contact with heated polymer occurs, flush with large quantities of cold water, submerge area in cold water if possible. Get immediate medical attention for thermal burns.

inhalation: Move to fresh air. Administer artificial respiration if not breathing, administer oxygen if breathing is difficult. Get immediate medical attention.

Eye contact: Flush immediately with water for 15 minutes. Hold eyelids away from eyeball to ensure

thorough rinsing. If irritation results or for thermal burns get immediate medical attention.

Toxicology Information:

There are no toxicology data for this material, however, like similar high molecular weight polymers it is not expected to be acutely toxic or hazardous. Hazards as outlined are based on exposure to fumes and vapors.

21CFR175.300

Resinous and polymeric coatings Not to exceed the amount required

to achieve the desired effect

21CFR177.1210

Closures with sealing

in can-end cements

gaskets for food containers

Not to exceed the amount required

**Olefin polymers** 

to achieve the desired effect

21CFR177.1520

Not less than 96% ethylene/propylene

21CFR177.2600

Rubber articles intended

Not to exceed the amount required

for repeated use

to achieve the desired effect

OSHA. IARC Carcinogenic per

None

TRILENE® CP 30



## Pure Performance® Base Oil

Material Safety Data Sheet


**Product Name:** 

Pure Performance® Base Oil

**MSDS Number:** 

787559

Synonyms:

Pure Performance® Base Oil 70N Pure Performance® Base Oil 80N Pure Performance® Base Oil 110N Pure Performance® Base Oil 150N Pure Performance® Base Oil 225N Pure Performance® Base Oil 600N

Intended Use:

Base Oil

Manufacturer/Supplier:

ConocoPhillips Lubricants 600 N. Dairy Ashford, 2W900 Houston, Texas 77079-1175

**Emergency Health and Safety Number:** 

Chemtrec: 800-424-9300 (24 Hours)

Customer Service:

888-877-3170

**Technical Information:** 

800-255-9556

**MSDS Information:** 

Internet: http://w3.conocophillips.com/NetMSDS/

## **Emergency Overview**

NFPA

This material is not considered hazardous according to OSHA criteria.



Appearance: Clear and bright, Water-white

Physical Form: Liquid Odor: Petroleum

### **Potential Health Effects**

Eye: Contact may cause mild eye irritation including stinging, watering, and redness.

**Skin:** Contact may cause mild skin irritation including redness and a burning sensation. Prolonged or repeated contact can defat the skin, causing drying and cracking of the skin, and possibly dermatitis (inflammation). No harmful effects from skin absorption have been reported.

Inhalation (Breathing): No information available on acute toxicity.

Ingestion (Swallowing): No harmful effects reported from ingestion.

Signs and Symptoms: Effects of overexposure may include irritation of the digestive tract, nausea and diarrhea. Inhalation of oil mist or vapors at elevated temperatures may cause respiratory irritation.

787559 - Pure Performance® Base Oil

Page 1/7

Date of Issue:

Status: Final

787559 - Pure Performance® Base Oil

Date of Issue: 15-Jan-2009

Page 2/7

Status: Final

Pre-Existing Medical Conditions: Conditions which may be aggravated by exposure include skin disorders.

See Section 11 for additional Toxicity Information.

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Hydrotreated Distillate, Heavy ParaffinC20-	64742-54-7	0 - 100
50		
Hydrotreated Distillate, Light ParaffinC15-	64742-55-8	0 - 100
30		<u></u>

^{*} All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.



Eye Contact: If irritation or redness develops from exposure, flush eyes with clean water. If symptoms persist, seek medical attention.

**Skin Contact:** Remove contaminated shoes and clothing and cleanse affected area(s) thoroughly by washing with mild soap and water or a waterless hand cleaner. If irritation or redness develops and persists, seek medical attention.

**Inhalation (Breathing):** If respiratory symptoms develop, move victim away from source of exposure and into fresh air in a position comfortable for breathing. If symptoms persist, seek medical attention.

Ingestion (Swallowing): First aid is not normally required; however, if swallowed and symptoms develop, seek medical attention.

**Notes to Physician:** Acute aspirations of large amounts of oil-laden material may produce a serious aspiration pneumonia. Patients who aspirate these oils should be followed for the development of long-term sequelae. Inhalation exposure to oil mists below current workplace exposure limits is unlikely to cause pulmonary abnormalities.



## NFPA 704 Hazard Class

Health: 0 Flammability: 1 Instability: 0 (0-Minimal, 1-Slight, 2-Moderate, 3-Serious, 4-Severe)

**Unusual Fire & Explosion Hazards:** This material may burn, but will not ignite readily. If container is not properly cooled, it can rupture in the heat of a fire.

**Extinguishing Media:** Dry chemical, carbon dioxide, foam, or water spray is recommended. Water or foam may cause frothing of materials heated above 212°F. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces.

**Fire Fighting Instructions:** For fires beyond the initial stage, emergency responders in the immediate hazard area should wear protective clothing. When the potential chemical hazard is unknown, in enclosed or confined spaces, a self contained breathing apparatus should be worn. In addition, wear other appropriate protective equipment as conditions warrant (see Section 8).

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Cool equipment exposed to fire with water, if it can be done safely. Avoid spreading burning liquid with water used for cooling purposes.

**Hazardous Combustion Products:** Combustion may yield smoke, carbon monoxide, and other products of incomplete combustion. Oxides of nitrogen and sulfur may also be formed.

See Section 9 for Flammable Properties including Flash Point and Flammable (Explosive) Limits



Date of Issue: 15-Jan-2009

Page 3/7
Status: Final



**Personal Precautions:** This material may burn, but will not ignite readily. Keep all sources of ignition away from spill/release. The use of explosion-proof electrical equipment is recommended. Stay upwind and away from spill/release. Notify persons and shipping down wind of the spill/release, isolate immediate hazard area and keep unauthorized personnel out. Wear appropriate protective equipment, including respiratory protection, as conditions warrant (see Section 8). See Sections 2 and 7 for additional information on hazards and precautionary measures.

**Environmental Precautions:** Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems, and natural waterways. Use water sparingly to minimize environmental contamination and reduce disposal requirements. Spills into or upon navigable waters, the contiguous zone, or adjoining shorelines that cause a sheen or discoloration on the surface of the water, may require notification of the National Response Center (phone number 800-424-8802).

**Methods for Containment and Clean-Up:** Notify relevant authorities in accordance with all applicable regulations. Immediate cleanup of any spill is recommended. Dike far ahead of spill for later recovery or disposal. Absorb spill with inert material such as sand or vermiculite, and place in suitable container for disposal. If spilled on water remove with appropriate methods (e.g. skimming, booms or absorbents).

**Precautions for safe handling:** Wash thoroughly after handling. Use good personal hygiene practices and wear appropriate personal protective equipment.

Do not enter confined spaces such as tanks or pits without following proper entry procedures such as ASTM D-4276 and 29CFR 1910.146. Do not wear contaminated clothing or shoes.

"Empty" containers retain residue and may be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, or other sources of ignition. They may explode and cause injury or death. "Empty" drums should be completely drained, properly bunged, and promptly shipped to the supplier or a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations. Before working on or in tanks which contain or have contained this material, refer to OSHA regulations, ANSI Z49.1, and other references pertaining to cleaning, repairing, welding, or other contemplated operations.

Conditions for safe storage: Keep container(s) tightly closed. Use and store this material in cool, dry, well-ventilated area away from heat and all sources of ignition. Store only in approved containers. Keep away from any incompatible material (see Section 10). Protect container(s) against physical damage.

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		The second of the second	
Hydrotreated Distillate, Heavy	TWA: 5 mg/m ³	5 mg/m³	
ParaffinC20-50	STEL: 10 mg/m³ (as Oil Mist, if generated)	(as Oil Mist, if generated)	
Hydrotreated Distillate, Light	5 mg/m³ TWA	5 mg/m³ TWA	
ParaffinC15-30	10 mg/m³ STEL as Oil Mist, if generated	as Oil Mist, if generated	

Note: State, local or other agencies or advisory groups may have established more stringent limits. Consult an industrial hygienist or similar professional, or your local agencies, for further information.

**Engineering controls:** If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits, additional engineering controls may be required.

**Eye/Face Protection:** The use of eye protection that meets or exceeds ANSI Z.87.1 is recommended to protect against potential eye contact, irritation, or injury. Depending on conditions of use, a face shield may be necessary.

**Skin/Hand Protection:** The use of gloves impervious to the specific material handled is advised to prevent skin contact. Users should check with manufacturers to confirm the breakthrough performance of their products. Suggested protective materials: Nitrile.

787559 - Pure Performance® Base Oil

Date of Issue: 15-Jan-2009

Page 4/7 Status: Final

Respiratory Protection: Where there is potential for airborne exposure above the exposure limit a NIOSH certified air purifying respirator equipped with R or P95 filters may be used.

A respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed whenever workplace conditions warrant a respirator's use. Air purifying respirators provide limited protection and cannot be used in atmospheres that exceed the maximum use concentration (as directed by regulation or the manufacturer's instructions), in oxygen deficient (less than 19.5 percent oxygen) situations, or under conditions that are immediately dangerous to life and health (IDLH).

Suggestions provided in this section for exposure control and specific types of protective equipment are based on readily available information. Users should consult with the specific manufacturer to confirm the performance of their protective equipment. Specific situations may require consultation with industrial hygiene, safety, or engineering professionals.

**Note:** Unless otherwise stated, values are determined at 20°C (68°F) and 760 mm Hg (1 atm). Data represent typical values and are not intended to be specifications.

Appearance:

Physical Form: Odor:

Odor Threshold:

pH:

Vapor Pressure:

Vapor Density (air=1): Boiling Point/Range: Melting/Freezing Point:

Solubility in Water:

Partition Coefficient (n-octanol/water) (Kow):

Specific Gravity:

Bulk Density:

Viscosity: Percent Volatile:

Evaporation Rate (nBuAc=1):

Flash Point:

Test Method:

LEL (vol % in air):

UEL (vol % in air): Autoignition Temperature: Clear and bright, Water-white

Liquid Petroleum No data

Not applicable

<1 >1 No data

No data Insoluble No data

0.8558 - 0.8765 @ 60°F (15.6°C)

7.14 - 7.31 lbs/gal

2.88 - 12.02 cSt @ 100°C; 12 - 111 cSt @ 40°C

Nil Nil

350°F / 177°C

Cleveland Open Cup (COC), ASTM D92

No data No data No data

Stability: Stable under normal ambient and anticipated conditions of use.

Conditions to Avoid: Extended exposure to high temperatures can cause decomposition.

Materials to Avoid (Incompatible Materials): Avoid contact with strong oxidizing agents and strong reducing agents.

**Hazardous Decomposition Products:** Not anticipated under normal conditions of use.

Hazardous Polymerization: Not known to occur.

**Chronic Toxicity:** 

Hydrotreated Distillate, Heavy Paraffin .. C20-50

**Carcinogenicity:** The petroleum base oils contained in this product have been highly refined by a variety of processes including severe hydrocracking/hydroprocessing to reduce aromatics and improve performance characteristics. All of the oils meet the IP-346 criteria of less than 3 percent PAH's and are not considered carcinogens by NTP, IARC, or OSHA.

787559 - Pure Performance® Base Oil

Date of Issue: 15-Jan-2009

Page 5/7 Status: Final

Hydrotreated Distillate, Heavy Paraffin .. C20-30 Hydrotreated Distillate, Light Paraffin ..C15-30

> Carcinogenicity: The petroleum base oils contained in this product have been highly refined by a variety of processes including severe hydrocracking/hydroprocessing to reduce aromatics and improve performance characteristics. All of the oils meet the IP-346 criteria of less than 3 percent PAH's and are not considered carcinogens by NTP, IARC, or OSHA.

#### **Acute Toxicity:**

72.5		The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	
Hydrotreated Distillate, Heavy	>15 g/kg; >5 g/kg (Rat)	>5 g/kg (Rabbit)	No data
ParaffinC20-50			
Hydrotreated Distillate, Light	>5 g/kg (Rat)	>5 g/kg (Rabbit)	No data
ParaffinC15-30			

Ecotoxicity: Experimental studies show that acute aquatic toxicity values are greater than 1000 mg/l. These values are consistent with

Mobility: Volatilization to air is not expected to be a significant fate process due to the low vapor pressure of this material. In water, base oils will float and spread over the surface at a rate dependent upon viscosity. There will be significant removal of hydrocarbons from the water by sediment adsorption. In soil and sediment, hydrocarbon components will show low mobility with adsorption to sediments being the predominant physical process. The main fate process is expected to be slow biodegradation of base oil components in soil and sediment.

the predicted aquatic toxicity of these substances based on their hydrocarbon compositions.

Persistence and degradability: The hydrocarbons in this material are not readily biodegradable, but since they can be degraded by microorganisms, they are regarded as inherently biodegradable.

Bioaccumulation Potential: Log Kow values measured for the hydrocarbon components of this material range from 4 to over 6, and therefore regarded as having the potential to bioaccumulate. In practice, metabolic processes may reduce bioconcentration.

The generator of a waste is always responsible for making proper hazardous waste determinations and needs to consider state and local requirements in addition to federal regulations.

This material, if discarded as produced, would not be a federally regulated RCRA "listed" hazardous waste and is not believed to exhibit characteristics of hazardous waste. See Sections 7 and 8 for information on handling, storage and personal protection and Section 9 for physical/chemical properties. It is possible that the material as produced contains constituents which are not required to be listed in the MSDS but could affect the hazardous waste determination. Additionally, use which results in chemical or physical change of this material could subject it to regulation as a hazardous waste.

This material under most intended uses would become "Used Oil" due to contamination by physical or chemical impurities. Whenever possible, Recycle Used Oil in accordance with applicable federal and state or local regulations. Container contents should be completely used and containers should be emptied prior to discard.

U.S. Department of Transportation (DOT)

Shipping Description:

Not regulated Note:

If shipped by land in a packaging having a capacity of 3,500 gallons or more, the

provisions of 49 CFR, Part 130 apply. (Contains oil)

International Maritime Dangerous Goods (IMDG)

**Shipping Description:** Not regulated

Note: U.S. DOT compliance requirements may apply. See 49 CFR 171.22, 23 & 25.

International Civil Aviation Org. / International Air Transport Assoc. (ICAO/IATA)

UN/ID #: Not regulated 787559 - Pure Performance® Base Oil

Date of Issue: 15-Jan-2009

Page 6/7 Status: Final

	LTD. QTY	Passenger Aircraft	Cargo Aircraft Only
Packaging Instruction #:			
Max. Net Qty. Per Package:			



CERCLA/SARA - Section 302 Extremely Hazardous Substances and TPQs (in pounds):

This material does not contain any chemicals subject to the reporting requirements of SARA 302 and 40 CFR 372.

#### CERCLA/SARA - Section 311/312 (Title III Hazard Categories)

Acute Health: No
Chronic Health: No
Fire Hazard: No
Pressure Hazard: No
Reactive Hazard: No

CERCLA/SARA - Section 313 and 40 CFR 372:

This material does not contain any chemicals subject to the reporting requirements of SARA 313 and 40 CFR 372.

EPA (CERCLA) Reportable Quantity (in pounds):

This material does not contain any chemicals with CERCLA Reportable Quantities.

California Proposition 65:

This material does not contain any chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm at concentrations that trigger the warning requirements of California Proposition 65.

Canadian Regulations:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the Regulations.

WHMIS Hazard Class None

#### **National Chemical Inventories:**

Hydrotreated Distillate, Heavy	X	X	Х	X	X	Х	Х	Х
ParaffinC20-50 64742-54-7								
Hydrotreated Distillate, Light ParaffinC15-30 64742-55-8	X	Х	X	X		Х	X	Х

**Legend:** AICS - Australia Inventory of Chemical Substances, DSL - Domestic Substances List (Canada), NDSL - Non-Domestic Substances List (Canada), CHINA - Inventory List, ELINCS - EU List of Notified Chemical Substances, EINECS - European Inventory of Existing Commercial Chemical Substances, ENCS - Japan Existing and New Chemical Substances, KOREA - Existing and Evaluated Chemical Substances, PICCS - Philippines Inventory of Chemicals and Chemical Substances, TSCA - United States Section 8(b) Inventory

U.S. Export Control Classification Number: EAR99

Date of Issue:

15-Jan-2009

Status:

Final

Previous Issue Date:

19-Feb-2008

Revised Sections or Basis for Revision:

Environmental hazards (Section 12)

MSDS Number:

787559

787559 - Pure Performance® Base Oil

Date of Issue: 15-Jan-2009

Page 7/7 Status: Final

**Guide to Abbreviations:** 

ACGIH = American Conference of Governmental Inclustrial Hygienists; CASRN = Chemical Abstracts Service Registry Number; CEILING = Ceiling Limit (15 minutes); CERCLA = The Comprehensive Environmental Response, Compensation, and Liability Act; EPA = Environmental Protection Agency; IARC = International Agency for Research on Cancer, LEL = Lower Explosive Limit; NE = Not Established; NFPA = National Fire Protection Association; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration; PEL = Permissible Exposure Limit (OSHA); SARA = Superfund Amendments and Reauthorization Act; STEL = Short Term Exposure Limit (15 minutes); TLV = Threshold Limit Value (ACGIH); TWA = Time Weighted Average (8 hours); UEL = Upper Explosive Limit; WHMIS = Worker Hazardous Materials Information System (Canada)

Disclaimer of Expressed and implied Warranties:

The information presented in this Material Safety Data Sheet is based on data believed to be accurate as of the date this Material Safety Data Sheet was prepared. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED ABOVE, THE RESULTS TO BE OBTAINED FROM THE USE OF THIS INFORMATION OR THE PRODUCT, THE SAFETY OF THIS PRODUCT, OR THE HAZARDS RELATED TO ITS USE. No responsibility is assumed for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices. The information provided above, and the product, are furnished on the condition that the person receiving them shall make their own determination as to the suitability of the product for their particular purpose and on the condition that they assume the risk of their use. In addition, no authorization is given nor implied to practice any patented invention without a license.

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Zach Surphis - Extra MSOS

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	MATERIAL DESCRIPTION	CONTAINER_ID	EXPIRE_DATE	WHSE_ID	MATERIAL_ID
Alcohol Col-	BOA				
& Carsil Cost	BOH FROM BCF NEUT.	. 0554452	6/10/2014	PHARMA WASTE PAD	HAZ WASTE
	BOH FROM BCF NEUT.	0554453	6/10/2014	PHARMA WASTE PAD	HAZ WASTE
	BOH FROM BCF NEUT.	0554454	6/10/2014	PHARMA WASTE PAD	HAZ WASTE
	BOH FROM BCF NEUT.	0554455	6/10/2014	PHARMA WASTE PAD	HAZ WASTE
	BOH FROM BCF NEUT.	0554456	6/10/2014	PHARMA WASTE PAD	HAZ WASTE
50.10	BOH FROM BCF NEUT.	0554457	6/10/2014	PHARMA WASTE PAD	HAZ WASTE
E8 h E	BOH FROM BCF NEUT.	0554458	6/10/2014	PHARMA WASTE PAD	HAZ WASTE
	BOH FROM BCF NEUT.	0554459	6/10/2014	PHARMA WASTE PAD	HAZ WASTE
DE p Mused	2-BIPHENYLAMINE HYDROCHLORIDE	0554641	6/14/2014	PHARMA WASTE PAD	HAZ WASTE
	2-BIPHENYLAMINE HYDROCHLORIDE	0554642	6/14/2014	PHARMA WASTE PAD	HAZ WASTE
	CYCLOHEXANONE	0554664	6/14/2014	PHARMA WASTE PAD	HAZ WASTE
	STYRENE	0554665	6/14/2014	PHARMA WASTE PAD	HAZ WASTE
	STYRENE *	0554666	6/14/2014	PHARMA WASTE PAD	HAZ WASTE
43 493	METHANE SULFONIC ACID 343	0554667	6/14/2014	PHARMA WASTE PAD	HAZ WASTE
	METHANE SULFONIC ACID 14 3434	0554668	6/14/2014	PHARMA WASTE PAD	HAZ WASTE
	METHANE SULFONIC ACID	0554669	6/14/2014	PHARMA WASTE PAD	HAZ WASTE
	DIISOPROPYLAMINE	0554671	6/14/2014	PHARMA WASTE PAD	HAZ WASTE
	DIISOPROPYLAMINE	0554672	6/14/2014	PHARMA WASTE PAD	HAZ WASTE
2 Rac Will	AMMONIUM HYDROXIDE	0554673	6/14/2014	PHARMA WASTE PAD	HAZ WASTE
T) WW	AMMONIUM HYDROXIDE	0554674	6/14/2014	PHARMA WASTE PAD	HAZ WASTE
	ACETIC ANHYDRIDE	0554758	6/15/2014	PHARMA WASTE PAD	HAZ WASTE
	N-METHYL MORPHOLINE	0554759	6/15/2014	PHARMA WASTE PAD	HAZ WASTE
•	N-METHYL MORPHOLINE	0554760	6/15/2014	PHARMA WASTE PAD	HAZ WASTE
	HEPTANE	0554761	6/15/2014	PHARMA WASTE PAD	HAZ WASTE
	2-METHYLTETRAHYDROFURAN	0554762	6/15/2014	PHARMA WASTE PAD	HAZ WASTE
	2-METHYLTETRAHYDROFURAN	0554763	6/15/2014	PHARMA WASTE PAD	HAZ WASTE
:	2-METHYLTETRAHYDROFURAN	0554764	6/15/2014	PHARMA WASTE PAD	HAZ WASTE
<del></del>	STYRENE	0554765	6/15/2014	PHARMA WASTE PAD	HAZ WASTE
	4-DIOXANE	0554766	6/15/2014	PHARMA WASTE PAD	HAZ WASTE
<del></del>	4-DIOXANE	0554767	6/15/2014	PHARMA WASTE PAD	HAZ WASTE
7 /	4-DIOXANE	0554768	6/15/2014	PHARMA WASTE PAD	HAZ WASTE
/	DICYCHEXYLAMINE 7	0554769	6/15/2014	PHARMA WASTE PAD	HAZ WASTE
<del>-</del>	BROMOBENZENE /#	0554779	6/15/2014	PHARMA WASTE PAD	HAZ WASTE
sid	HYDROGEN PEROXIDE - Whise	0554780	\ 6/15/2014	PHARMA WASTE PAD	HAZ WASTE

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HAZ WASTE PHARMA WASTE PAD 6/15/2014 0554781 HYDROGEN PEROXIDE > 25

AND drum 2-Val Pauder (Light diposphike)

Ammonium Unlande - Broken Buga

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### NONWASTE

MATERIAL_ID	WHSE_ID	EXPIRE_DATE	CONTAINER_ID	MATERIAL DESCRIPTION	
					_
NON-HAZ WASTE	PHARMA WASTE PAD	8/19/2009	0553053	ETOAC (109) TOWELS	
NON-HAZ WASTE	PHARMA WASTE PAD	8/24/2009	0553287	L-VAL (102) BAGS & PPE	
NON-HAZ WASTE	PHARMA WASTE PAD	8/24/2009	0553288	Z-VAL-NCA BAGS % PPE	
NON-HAZ WASTE	PHARMA WASTE PAD	8/24/2009	0553290	ACETIC ACID WASTE.	
NON-HAZ WASTE	PHARMA WASTE PAD	8/25/2009	0553322	VE3233S BAGS AND SUITS	
NON-HAZ WASTE	PHARMA WASTE PAD	8/30/2009	0553561	Z-VALINE BAGS AND PPE	
NON-HAZ WASTE	PHARMA WASTE PAD	8/30/2009	0553562	OILY PIGS AND RAGS	
NON-HAZ WASTE	PHARMA WASTE PAD	8/30/2009	0553570	LAB PACKS	
NON-HAZ WASTE	PHARMA WASTE PAD	8/30/2009	. 0553571	LAB PACKS	$\neg \neg$
NON-HAZ WASTE	PHARMA WASTE PAD	8/30/2009	. 0553572	LAB PACKS	
NON-HAZ WASTE	PHARMA WASTE PAD	8/30/2009	. 0553573	LAB PACKS	
NON-HAZ WASTE	PHARMA WASTE PAD	9/5/2009	· 0554144	Z-VALINE BAGS SUITS AND GLOVES	7
NON-HAZ WASTE	PHARMA WASTE PAD	9/5/2009	. 0554145	Z-VALINE BAGS SUITS AND GLOVES	フ
NON-HAZ WASTE	PHARMA WASTE PAD	9/13/2009	. 0554634	Z-L-VALINE FILTERS	
NON-HAZ WASTE	PHARMA WASTE PAD	9/13/2009	.0554643	Z-L-CYCLOHEXYLGLYCINE .	
NON-HAZ WASTE	PHARMA WASTE PAD	9/13/2009	0554644	Z-L-CYCLOHEXYLGLYCINE	
NON-HAZ WASTE	PHARMA WASTE PAD	9/13/2009	0554645	Z-L-CYCLOHEXYLGLYCINE /	
NON-HAZ WASTE	PHARMA WASTE PAD	9/13/2009	0554646	Z-L-CYCLOHEXYLGLYCINE /	
NON-HAZ WASTE	PHARMA WASTE PAD	9/13/2009	0554647	Z-L-CYCLOHEXYLGLYCINE /	
NON-HAZ WASTE	PHARMA WASTE PAD	9/13/2009	0554648	Z-L-CYCLOHEXYLGLYCINE	$\Box A$
NON-HAZ WASTE	PHARMA WASTE PAD	9/13/2009	0554649	Z-L-CYCLOHEXYLGLYCINE \	7
NON-HAZ WASTE	PHARMA WASTE PAD	9/13/2009	0554650	Z-L-CYCLOHEXYLGLYCINE	
NON-HAZ WASTE	PHARMA WASTE PAD	9/13/2009	0554651	Z-L-CYCLOHEXYLGLYCINE /	
NON-HAZ WASTE	PHARMA WASTE PAD	9/13/2009	0554652	Z-L-CYCLOHEXYLGLYCINE /	
NON-HAZ WASTE	PHARMA WASTE PAD	9/13/2009	0554653	Z-L-CYCLOHEXYLGLYCINE	7
NON-HAZ WASTE	PHARMA WASTE PAD	9/13/2009	0554654	Z-L-CYCLOHEXYLGLYCINE \	\
NON-HAZ WASTE	PHARMA WASTE PAD	9/13/2009	0554655	Z-L-CYCLOHEXYLGLYCINE \	
NON-HAZ WASTE	PHARMA WASTE PAD	9/13/2009	0554656	Z-L-CYCLOHEXYLGLYCINE \	
NON-HAZ WASTE	PHARMA WASTE PAD	9/13/2009	0554657	Z-L-CYCLOHEXYLGLYCINE	
NON-HAZ WASTE	PHARMA WASTE PAD	9/13/2009	0554658	Z-L-CYCLOHEXYLGLYCINE	
NON-HAZ WASTE	PHARMA WASTE PAD	9/13/2009	0554659	Z-L-CYCLOHEXYLGLYCINE	
NON-HAZ WASTE	PHARMA WASTE PAD	9/13/2009	0554660	Z-L-CYCLOHEXYLGLYCINE	$\overline{A}$
NON-HAZ WASTE	PHARMA WASTE PAD	9/13/2009	0554661	Z-L-CYCLOHEXYLGLYCINE	
NON-HAZ WASTE	PHARMA WASTE PAD	9/13/2009	0554662	Z-L-CYCLOHEXYLGLYCINE	
NON-HAZ WASTE	PHARMA WASTE PAD	9/13/2009	0554663	Z-L-CYCLOHEXYLGLYCINE •	

### NONWASTE

NON-HAZ WASTE	PHARMA WASTE PAD	9/14/2009	0554770	PNPCF			
NON-HAZ WASTE	PHARMA WASTE PAD	9/14/2009	0554771	PNPCF			
NON-HAZ WASTE	PHARMA WASTE PAD	9/14/2009	0554772	PNPCF			
NON-HAZ WASTE	PHARMA WASTE PAD	9/14/2009	0554773	PNPCF			
NON-HAZ WASTE	PHARMA WASTE PAD	9/14/2009	0554774	PNPCF			
NON-HAZ WASTE	PHARMA WASTE PAD	9/14/2009	0554775	PNPCF			
NON-HAZ WASTE	PHARMA WASTE PAD	9/14/2009	0554776	PNPCF			
NON-HAZ WASTE	PHARMA WASTE PAD	9/14/2009	0554777	PNPCF			
NON-HAZ WASTE	PHARMA WASTE PAD	9/14/2009	0554778	PIREDON	EHCL ¥/	72	

MATERIAL_ID	WHSE_ID	EXPIRE_DATE	CONTAINER_ID	MATERIAL DESCRIPTION	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554786	SODIUM CHLORIDE	N
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554787	SODIUM CHLORIDE	A4
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554788	SODIUM CHLORIDE	MA
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554789	SODIUM CHLORIDE	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554790	SODIUM CHLORIDE	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554791	DRY SODIUM HYDROSULFITE	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554792	DRY SODIUM HYDROSULFITE	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554793	DRY SODIUM HYDROSULFITE (	7
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554794	DRY SODIUM HYDROSULFITE	(
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554795	DRY SODIUM HYDROSULFITE	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554796	DRY SODIUM HYDROSULFITE	)
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554797	DRY SODIUM HYDROSULFITE	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554798	SODIUM AZIDE -	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554799	POTASSIUM CARBONATE	<b>→</b>
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554800	L-CYCLOHEXYGLYCINE	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554801	L-CYCLOHEXYGLYCINE )	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554802	L-CYCLOHEXYGLYCINE /	C. Linky, and a sec
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554803	L-CYCLOHEXYGLYCINE /	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554804	L-CYCLOHEXYGLYCINE /	J
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554805	L-CYCLOHEXYGLYCINE	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554806	L-CYCLOHEXYGLYCINE	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554807	L-CYCLOHEXYGLYCINE \	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554808	L-CYCLOHEXYGLYCINE \	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554809	L-CYCLOHEXYGLYCINE	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554810	L-CYCLOHEXYGLYCINE	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554811	L-CYCLOHEXYGLYCINE \	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554812	L-CYCLOHEXYGLYCINE \	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554813	L-CYCLOHEXYGLYCINE \	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554814	L-CYCLOHEXYGLYCINE \	- Table 1
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554815	L-CYCLOHEXYGLYCINE	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554816	L-CYCLOHEXYGLYCINE	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554817	L-CYCLOHEXYGLYCINE	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554818	L-CYCLOHEXYGLYCINE	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554819	L-CYCLOHEXYGLYCINE	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554820	L-CYCLOHEXYGLYCINE	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554821	L-CYCLOHEXYGLYCINE	

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NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554822	L-CYCLOHEXYGLYCINE	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554823	L-CYCLOHEXYGLYCINE	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554824	L-CYCLOHEXYGLYCINE	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554825	L-CYCLOHEXYGLYCINE	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554826	L-CYCLOHEXYGLYCINE	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554827	L-CYCLOHEXYGLYCINE	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554828	L-CYCLOHEXYGLYCINE	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554829	L-CYCLOHEXYGLYCINE	$\mathbb{Z}$
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554830	L-CYCLOHEXYGLYCINE	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554831	L-CYCLOHEXYGLYCINE /	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554832	L-CYCLOHEXYGLYCINE	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554833	L-CYCLOHEXYGLYCINE	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554834	L-CYCLOHEXYGLYCINE	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554835	L-CYCLOHEXYGLYCINE	$\mathbb{Z}$
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554836	SODIUM TUNGSATE DIHYDRATE	$\mathbb{Z}_{\mathbb{Z}}$
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554837	SODIUM TUNGSATE DIHYDRATE / (	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554838	SODIUM TUNGSATE DIHYDRATE	$\subseteq$
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554839	SODIUM TUNGSATE DIHYDRATE / 🞾	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554840	SODIUM TUNGSATE DIHYDRATE	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554841	SODIUM TUNGSATE DIHYDRATE	
NON-HAZ WASTE	TRUCK WAREHOUSE	9/14/2009	0554842	SODIUM TUNGSATE DIHYDRATE	Τ

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Material	Quantity	Disposal	Туре	Profile number	Status
SCA-NCA,	22- 55 gallon drums	CES	Class 1		Submitted, waiting on approval
CDI	5-25 kg poly drums	CES	Class 1	3289	
	The second second second second second	Rineco			written, waiting on
PNPCF	38-25 kg poly drums	PCI	D003, D002	343495	approval
N-butyl ether (NBE)/ Dibutyl ether	4 drums (metal, 55 gal)	SX	D001	40349610	Submittedto SK
	3 full metal drums and one 2/3				written, waiting on
Triethylamine	full drums	PCI		343484	approval
Lupragen N105-N-methylmorpholin	2 metal drum (55 gal)	TECO		09-006-5229	
<u> Maringio es reges antico que o que os recuers assesantelas.</u>	<del></del>				
ammonium chloride	2450 pounds in 50 pound bags.	CES	class 2 solids	3302	
Isopropyl alcohol, 99% anhydrous.	3 drums -355 pounds each	SK	D001	40347614	Submittedto SK
potassium carbonate	4- 53 pound bags	CES	class 2 solids	3303	
potassium carbonate	1-25 kg poly drum	CES	class 2 solids	3303	<del> </del>
isopropyl ether/Disopropyl ether	1 drum (55 gal, metal)	SK	D001		Submitted, waiting on approval
1-tert leucine,	1 drum (30 gal, fiberboard)	PSC		AL95877	Waste code: 0087203H
N-(2-Aminoethyl)morpholin	1 drum	TECO	D002	09-006-5229	
Pirfinidone mother liquor	8 drums	PSC		AL96107	Waste code: 0107203H
CIP 100	2/3 of 1 drum	<del>८ विकास ५ ५ ५ ५ ५ ६</del> TECO	D002	0900-65448	Submitted, waiting on approval
Methane Sulfonic Acid, anhydrous	2 drums	TECO	D002	343483	Submitted, waiting on approval
activated carbon	15 bags, 50 pound bags	CES	product	3300	
Z-valine /	750 kg, in poly bags in cubic yard box	CES	class 2 solids	3290	

#### Joy Baker

From:

Burton, Gary [GBurton@pscnow.com]

Sent:

Wednesday, September 24, 2008 2:34 PM

To:

Al Longoria

Subject:

FW: PSC / Zach Profiles

From: Burton, Gary

Sent: Wednesday, September 24, 2008 2:26 PM

To: 'alonzoria@cesenvironmental.com'

Subject: PSC / Zach Profiles

CRS - Avalon

AL96107 - Mixes solvent with THF - 0107203H

AL95878 - Water & Methanol - 0087203H

AL95877 - Z-Valine Toluene, Heptane - 0087203H

PRS - Houston

EL95261 - Acetic Acid Solution - 0102203H

Thanks: Gary Burton 713-724-9624



### MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION
PRODUCT NAME:Z-L-Cyclohexylglycine PRODUCT ID:01273 SYNONYMS:Z-CHG; N-(Carbobenzyloxy)-L-cyclohexylglycine; CBZ-L - Cyclohexylglycine; C ₁₆ H ₂₁ NO ₄ ISSUE DATE:June 20, 2008 EDITION NO.:1
ZaCh System Corporation. 914 So. 16 th Street, La Porte, Texas, USA 24-hour Emergency Telephone Number: 1-281-842-0245 For Product Safety Information (M-F, 8am-5pm Central time): 1-281-842-0201
PREPARER: EHS Group
2. COMPOSITION / INFORMATION ON INGREDIENTS
Material/CAS Number Percent
Z-L-Cyclohexyl Glycine > 99 69901-75-3
Undefined impurities < 1 None

#### **EMERGENCY OVERVIEW:**

3.

Caution! May cause eye, skin and respiratory tract irritation. May be harmful if inhaled. May be harmful if swallowed.

**HAZARDS IDENTIFICATION** 

**Precautions:** Do not get in eyes, on skin, or on clothing. Avoid breathing dust. Use only with adequate ventilation. Ventilation must be sufficient to minimize employee exposure to this product. Use appropriate personal protective clothing and respiratory protection. Do not swallow. The fine dust contained in this product is capable of creating dust explosions. Remove and wash contaminated clothing before reuse. Wash thoroughly every day after work. Do not eat, drink or smoke in work area.

#### 4. FIRST AID MEASURES

**INHALATION:** Remove from area to fresh air. If symptomatic, contact a poison control center, emergency room or physician for treatment information.

06/20/2008

**EYE/SKIN CONTACT:** EYE: Remove contact lens and pour a gentle stream of warm water through the affected eye for at least 15 minutes. If irritation persists, contact a poison control center, emergency room, or physician as further treatment may be necessary. SKIN: Run a gentle stream of water over the affected area for 15 minutes. A mild soap may be used if available. If any symptoms persist, contact a poison control center, emergency room, or physician as further treatment may be necessary.

**INGESTION:** Gently wipe or rinse the inside of the mouth with water. Sips of water may be given. Never give anything by mouth to an unconscious person. Contact a poison control center, emergency room or physician right away as further treatment may be necessary.

#### 5. FIRE FIGHTING MEASURES

FLASH POINT: Not Applicable

**EXTINGUISHING MEDIA:** Water spray. Carbon Dioxide. Dry Chemical powder or appropriate foam.

**SPECIAL FIREFIGHTING PROCEDURES:** Dust/air mixtures may ignite or explode. Emits toxic fumes under fire conditions. Fire-fighters must wear NIOSH approved pressure demand, self-contained breathing apparatus and full protective clothing when fighting chemical fires.

#### 6. ACCIDENTAL RELEASE MEASURES

#### ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Avoid generating dust. Dust may cause an explosion hazard. Provide maximum ventilation. Wear proper protective equipment. Sweep or gather up material and place in proper container for disposal or recovery. After all visible traces have been removed, thoroughly wet vacuum the area. Do not flush to sewer. Dispose of waste in accordance with all local, state and federal regulations.

#### 7. HANDLING AND STORAGE

#### PRECAUTIONS TO BE TAKEN DURING HANDLING AND STORAGE:

Store only in closed, properly labeled containers. Store in a cool, dry, well-ventilated place. Store away from strong oxidizing agents. Store and handle away from sunlight and other sources of heat. The fine dust contained in this product is capable of creating dust explosions. When handling this product in large quantities, the guidelines established in NFPA 654, Prevention of Dust Explosions, should be followed.

#### 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

**Exposure Limits:** 

8-hour Time Weighted Average (TWA); 15 –minute Short-Term Exposure Limit (STEL)

**OSHA:** No occupational exposure limits have been established by OSHA for this product.

ZaCh System: 01273 Z-L-Cyclohexylglycine 06/20/2008

**ACGIH:** No occupational exposure limits have been established by ACGIH for this product.

**ONTARIO:** No occupational exposure limits have been established by Ontario for this product.

**RESPIRATORY PROTECTION:** If use or application of this product generates dust, use an appropriate NIOSH-approved particulate filter respirator. The respirator use limitations made by NIOSH and by the manufacturer must be observed.

**VENTILATION:** Use local exhaust or general room/dilution ventilation as appropriate to control employee exposures in the work place.

**EYE AND FACE PROTECTION:** Standard safety glasses with side shields.

PROTECTIVE GLOVES: Impervious gloves. Rubber.

**OTHER PROTECTIVE EQUIPMENT:** Boots, aprons, or chemical suits should be used when necessary to prevent skin contact.

NA

# 9. PHYSICAL AND CHEMICAL PROPERTIES

VAPOR DENSITY (Air=1):	NA
SPECIFIC GRAVITY (Water=1):	
pH:	Neutral
FREEZING/ MELTING POINT:	NA
SOLUBILITY (wt.% in water):	NA
BULK DENSITY:	NA
VOLUME % VOLATILE:	_ NA
VAPOR PRESSURE:	NA
HEAT OF SOLUTION:	NA
PHYSICAL STATE:	_ Powder or Crystals
ODOR:	None
COLOR:	White

#### 10. STABILITY AND REACTIVITY

**STABILITY:** Stable at room temperature.

**BOILING POINT:** 

HAZARDOUS POLYMERIZATION: Will not occur.

#### INCOMPATIBILITY (CONDITIONS/ MATERIALS TO AVOID):

Strong Acids. Strong Bases. Strong oxidizers.

#### HAZARDOUS THERMAL DECOMPOSITION/ COMBUSTION PRODUCTS:

Oxides of Carbon. Oxides of nitrogen.

ZaCh System: 01273 Z-L-Cyclohexylglycine

#### 11. TOXICOLOGICAL INFORMATION

**CARCINOGENICITY STATUS:** This product is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, ACGIH, or OSHA.

MEDICAL CONDITIONS AGGRAVATED: None known.

#### **EFFECTS OF OVEREXPOSURE:**

#### ACUTE:

Eye/Skin: Eye or skin contact may cause irritation. Inhalation: Breathing dust can irritate the upper respiratory tract, including the eyes, nose, and throat. Ingestion: Although ingestion of this product is not likely to occur in industrial applications, accidental ingestion may cause illness or irritation of the mouth and gastrointestinal tract.

CHRONIC: The effects of long-term, low level exposures to this product have not been determined. Safe handling of this material on a long-term basis should emphasize the prevention of all contact with this material to avoid any effects from repetitive acute exposures.

#### 12. ECOLOGICAL INFORMATION

#### ECOTOXICOLOGICAL INFORMATION:

No data at this time.

#### **ENVIRONMENTAL FATE:**

No data at this time.

#### 13. DISPOSAL CONSIDERATIONS

#### DISPOSAL METHOD:

Waste material must be disposed of in accordance with federal, state, provincial, and local environmental control regulations. Empty containers should be recycled or disposed of through an approved waste management facility.

#### 14. TRANSPORT INFORMATION

**Proper Shipping Name:** Not regulated.

#### 15. REGULATORY INFORMATION

**USA TSCA:** A component in this product is not listed on the TSCA inventory. This product can only be used in R&D (by a technically qualified individual) of FDA regulated applications.

**EUROPE EINECS:** All components in this product are listed on EINECS.

**CANADA DOMESTIC SUBSTANCES LIST (DSL):** All components of this product are listed on the Canadian DSL or NDSL.

06/20/2008

ZaCh System: 01273 Z-L-Cyclohexylglycine

06/20/2008

**AUSTRALIA AICS:** A component in this product is not listed on AICS. This product can only be used in R&D (by a technically qualified individual) or FDA regulated applications.

**EU EINECS:** A component in this product is not listed on EINECS. This product can only be used in R&D applications.

**CANADA DOMESTIC SUBSTANCES LIST (DSL):** A component in this product is not listed on the Canadian DSL. This product can only be used in R&D applications.

**AUSTRALIA AICS:** A component in this product is not listed on AICS. This product can only be used in R&D applications.

**KOREA ECL:** One or more components in this product are not listed on the Korean Existing Chemicals Inventory (KECI). This product can only be used in R&D applications.

**JAPAN MITI (ENCS):** All components in this product are listed on the Japanese Existing and New Chemical Substances (ENCS) chemical inventory.

**PHILIPPINES PICCS:** One or more components in this product are not listed on the Philippines Inventory of Chemical and Chemical Substances 9PICCS).

**SARA TITLE III:** 

SARA (311, 312) Hazard Class:

Acute Health Hazard

**SARA (313) Chemicals:** 

Not listed.

**SARA Extremely Hazardous Substance:** 

Not listed.

**CERCLA Hazardous Substance:** 

Not listed.

CANADA REGULATIONS (WHMIS): Not Controlled.

#### 16. OTHER INFORMATION

The following has been revised since the last issue of this MSDS:

No Revisions – Original ZaCh System Corporation issue.

Previous revision date:

N/A

Previous edition number:

N/A

NA = Not Available

CAP 6162 Soln



## MATERIAL SAFETY DATA SHEET

#### PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** 2-Biphenyl isocyanate in Toluene

Manufacturer Name: ZaCh System Corporation 914 So. 16th Street La Porte, Texas

USA

2

1

**Emergency Telephone:** +1 866-393-3306 (24hr.)

**Non-emergency Telephone:** 

+1 281-842-0201

Intended Use: Pharmaceutical Intermediate

**Contact Person:** 

E-mail: Ron.Smith@ZambonGroup.com

#### HAZARDS IDENTIFICATION

#### **Emergency Overview**

Physical State: Viscous Liquid

Color: Dark brown Odor: Odorless

#### WARNING!

Harmful if inhaled, absorbed through skin, or swallowed. Causes skin, eye and respiratory tract irritation. May adversely affect the developing fetus based on animal data. The toxicological properties of this material have not been fully investigated.

#### **Potential Health Effects**

**Inhalation:** Harmful if inhaled. Causes respiratory tract irritation. At high concentrations, isocyanates affect mucous membranes of the respiratory tract and may lead to fatal pulmonary edema. May cause irritation of the respiratory tract with burning pain in the nose and throat, coughing, wheezing, shortness of breath and pulmonary edema.

Eye Contact: Causes eye irritation. Exposed individuals may experience eye tearing, redness, and discomfort.

**Skin Contact:** Harmful if absorbed through skin. Causes skin irritation. May cause allergic skin disorders in sensitive individuals.

**Ingestion:** Harmful if swallowed.

Chronic Health Effects: May cause harm to the unborn child. Contains non-volatile isocyanate. When heated, vapors are formed which may irritate the respiratory system and cause coughing, asthmatic

US MSDS

2-Biphenylyl isocyanate 20-Jan-2009

breathing and breathlessness. Frequent inhalation of vapors may cause development of respiratory allergy to isocyanates. Organic solvents may be absorbed into the body by inhalation and cause permanent damage to the nervous system, including the brain. Effects may be delayed. Chronic overexposure to isocyanates has been reported to cause lung damage, including decreased lung fuction, which may be permanent.

Target Organ(s): | Eye | Skin | Respiratory system | Lung | Central nervous system | Reproductive system |

Potential Physical / Chemical Effects: This product is not flammable.

OSHA Regulatory Status: This product is hazardous according to OSHA 29CFR 1910.1200.

**Environment:** The product contains a substance which has a photochemical ozone creation potential.

### 3 COMPOSITION / INFORMATION ON INGREDIENTS

General Information: The product contains: Non-volatile prepolymeric isocyanate.

Chemical Name	CAS-No.	Concentration*
†2-Biphenylyl Isocyanate	17337-13-2	75 - 100%
†Toluene	108-88-3	0 - 25%

^{*} All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

### 4 FIRST AID MEASURES

**Inhalation:** Move injured person into fresh air and keep person calm under observation. In case of persistent throat irritation or coughing seek medical attention and take along these instructions. Be aware that symptoms of chemical pneumonia (shortness of breath) may occur several hours after exposure.

**Eye Contact:** Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention.

**Skin Contact:** Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

**Ingestion:** Rinse mouth thoroughly. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention.

### 5 FIRE-FIGHTING MEASURES

**Extinguishing Media:** Use fire-extinguishing media appropriate for surrounding materials.

**Unsuitable Extinguishing Media:** None.

**Special Fire Fighting Procedures:** Use standard firefighting procedures and consider the hazards of other involved materials.

US MSDS 2 / 8

[†] This chemical is hazardous according to OSHA criteria.

2-Biphenylyl isocyanate 20-Jan-2009

**Unusual Fire & Explosion Hazards:** In case of fire, very toxic gases/vapors (e.g. NOx, isocyanates) may be formed.

Hazardous Combustion Products: Carbon Oxides, Hydrogen Cyanide, Nitrogen Oxides

**Protective Measures:** Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Flammability Class: NFPA Rating Fire = 1. Materials that must be preheated before ignition can occur.

#### 6 ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Avoid inhalation of vapors/spray and contact with skin and eyes. Wear suitable protective clothing. Change contaminated clothing. See Section 8 of the MSDS for Personal Protective Equipment.

**Spill Cleanup Methods:** Absorb in vermiculite, dry sand or earth and place into containers. Cover spilled material and adsorbant with neutralization solution (50% monoethanolamine / 50% water). Allow the solution to react for a minimum of 15 minutes. Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labeled container. For waste disposal, see section 13 of the MSDS.

**Environmental Precautions:** Avoid discharge into drains, water courses or onto the ground.

#### 7 HANDLING AND STORAGE

**Handling:** Use only in well-ventilated areas. Avoid contact with eyes, skin, and clothing. Avoid breathing mists or vapors. Do not eat, drink or smoke when using the product. Work practice should minimize contact. Technical aids: Use disposable equipment (rags, brushes, spatulas, putty knives, etc.), if possible. Change contaminated clothing. Mix and prepare in a place with efficient exhaust ventilation. Observe good industrial hygiene practices.

**Storage:** Keep container in a well-ventilated place. Store in a dry place. Do not add water to a closed container since the reaction may result in violent rupture of the container. Store away from incompatible materials.

#### 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

#### **Exposure Limits:**

Chemical Name	Source	Туре	<b>Exposure Limits</b>	Notes
Toluene	US. ACGIH TLV	TWA	20 ppm	
Toluene	US. NIOSH Guide	IDLH	500 ppm	
Toluene	US. OSHA Z-2 PEL	TWA	200 ppm	
Toluene	US. OSHA Z-2 PEL	Ceiling	300 ppm	
Toluene	US. OSHA Z-2 PEL	Maximum	500 ppm	
		concentrati	i	
		on		

US MSDS 3 / 8

2-Biphenylyl isocyanate 20-Jan-2009

**Engineering Controls:** Provide adequate ventilation. An eye wash bottle must be available at the work site. Observe Occupational Exposure Limits and minimize the risk of inhalation of vapors.

**Respiratory Protection:** If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA Standard 63 FR 1152, January 8, 1998. Respirator type: Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister. Contact health and safety professional or manufacturer for specific information.

Eye Protection: Wear approved safety goggles.

Hand Protection: Wear protective gloves. Use disposable gloves protecting against isocyanates along with cotton gloves closest to the skin. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. Suitable gloves can be recommended by the glove supplier.

**Skin Protection:** Wear appropriate clothing to prevent any possibility of skin contact.

**Hygiene Measures:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Environmental Exposure Controls: Environmental manager must be informed of all major spillages.

#### PHYSICAL AND CHEMICAL PROPERTIES

Color: Dark brown Odor: Odorless

9

**Odor Threshold:** No data available. Physical State: Viscous Liquid

pH: Not applicable

Melting Point: No data available. Freezing Point: No data available.

**Boiling Point:** 92°C (198°F) - 94°C (201°F) @ 1 mmHg

Flash Point: 113°C (235°F) (Closed Cup) **Evaporation Rate:** No data available.

Flammability Limit - Upper (%): No data available. Flammability Limit - Lower (%): No data available.

Vapor Pressure: No data available.

Vapor Density (Air=1): No data available.

Specific Gravity: 1.138 Solubility in Water: Insoluble

**Solubility (Other):** No data available.

Partition Coefficient (n-Octanol/water): No data available.

Autoignition Temperature: No data available. **Decomposition Temperature:** No data available.

**Bulk Density:** 9.5 ppg

4/8 **US MSDS** 

2-Biphenylyl isocyanate 20-Jan-2009

#### 10 STABILITY AND REACTIVITY

Stability: Stable under normal temperature conditions

Conditions to Avoid: High temperatures. Water, moisture. Reacts with moisture to liberate HCN.

**Incompatible Materials:** Strong oxidizing agents. Amines. Strong bases. Alcohols.

**Hazardous Decomposition Products:** 

At Elevated Temperatures: | Carbon Oxides, Hydrogen Cyanide, Isocyanates, Nitrogen Oxides

Possibility of Hazardous Reactions: Will not occur.

### 11 TOXICOLOGICAL INFORMATION

General Information: The toxicological properties of this material have not been fully investigated.

#### **Specified Substance(s)**

#### **Acute Toxicity:**

<b>Chemical Name</b>	Test Results
Toluene	Inhalation LC50 (4 hour(s), Rat): 12.5-28.8 mg/m ³
Toluene	Oral LD50 (Rat): 636 mg/kg

#### **Listed Carcinogens:**

Chemical Name	IARC	NTP	OSHA	ACGIH
Toluene	3	Not Listed	Not Listed	A4

IARC: 1 = Carcinogenic to Humans; 2A = Probably Carcinogenic to Humans; 2B = Possibly Carcinogenic to Humans; 3 = Not classifiable as to carcinogenicity to humans; 4 = Probably not carcinogenic to humans; Not listed = Not evaluated by IARC. ACGIH: A1 = Confirmed Human Carcinogen; A2 = Suspected Human Carcinogen; A3 = Confirmed Animal Carcinogen; A4 = Not classifiable as a human carcinogen; A5 = Not suspected to be a human carcinogen; Not listed = Not evaluated by ACGIH.

#### **Product Information**

#### **Acute Toxicity:**

Test Results: No test data available for the product.

**Other Acute:** Harmful if inhaled, absorbed through skin, or swallowed. Causes skin, eye and respiratory tract irritation.

Chronic Toxicity: May cause harm to the unborn child. Contains non-volatile isocyanate. When heated, vapors are formed which may irritate the respiratory system and cause coughing, asthmatic breathing and breathlessness. Frequent inhalation of vapors may cause development of respiratory allergy to isocyanates. Organic solvents may be absorbed into the body by inhalation and cause permanent damage to the nervous system, including the brain. Effects may be delayed. Chronic overexposure to isocyanates has been reported to cause lung damage, including decreased lung fuction, which may be permanent.

### 12 ECOLOGICAL INFORMATION

**Ecotoxicity:** The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

US MSDS 5 / 8

2-Biphenylyl isocyanate 20-Jan-2009

Mobility: No data available.

Persistence and Degradability: No data available.

Bioaccumulation Potential: No data available.

Other Adverse Effects: The product contains a substance which has a photochemical ozone creation

potential.

#### 13 DISPOSAL CONSIDERATIONS

General Information: Dispose of waste and residues in accordance with local authority requirements.

**Disposal Methods:** Disposal recommendations are based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal. Collect in marked containers and deliver to approved depot.

#### 14 TRANSPORT INFORMATION

DOT

**UN No.:** UN3080

Proper Shipping Name: Isocyanate solution, toxic, flammable, n.o.s. (2-Biphenylyl Isocyanate in

Toluene)
Class: 6.1 (3)
Packing Group: II
Label(s): 6.1 (3)

**IATA** 

**UN No.:** UN3080

**Proper Shipping Name:** Isocyanate solution, toxic, flammable, n.o.s. (2-Biphenylyl Isocyanate in

Toluene)
Class: 6.1 (3)
Packing Group: II

Label(s): Toxic, Flammable

**IMDG** 

<u>UN No.:</u> UN3080

Proper Shipping Name: Isocyanate solution, toxic, flammable, n.o.s. (2-Biphenylyl Isocyanate in

Toluene)
Class: 6.1 (3)
Packing Group: II
EmS No.: F-E, S-D

#### 15 REGULATORY INFORMATION

#### **Inventory Status**

This product or all components are listed or exempt from listing on the following inventory: TSCA

US MSDS 6/8

#### **US Regulations**

	CERCLA	Hazardous	Substance	<b>List (40</b>	CFR	302.4):
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Chemical Name	RQ
Toluene	1000 lbs

#### **SARA Title III**

Section 302 Extremely Hazardous Substances (40 CFR 355, Appendix A): Not regulated.

Section 311/312 (40 CFR 370):

X	Acute (Immediate)	X Chronic (Delayed)	Fire	X Reactive	Pressure Generating

Section 313 Toxic Release Inventory (40 CFR 372):

Chemical Name	CAS-No.	Reporting threshold for other users	Reporting threshold for manufacturing and processing
Toluene	108-88-3	10000 lbs	25000 lbs

For reporting purposes: the De Minimis Concentration for a toxic chemical in a mixture is 0.1% for carcinogens as defined in 29 CFR 1910.1200(d)(4) or 1% for others.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130): Not regulated.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3): Toluene

#### **Drug Enforcement Act:**

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2)): Toluene TSCA

TSCA Section 4(a) Final Test Rules & Testing Consent Orders: Not regulated.

TSCA Section 5(a)(2) Final Significant New Use Rules (SNURs) (40CFR 721, Subpt. E): Not regulated.

TSCA Section 5(e) PMN-Substance Consent Orders: Not regulated.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D): Not regulated.

#### **State Regulations**

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): Toluene

Massachusetts Right-To-Know List: Toluene

Michigan Critical Materials List (Michigan Natural Resources and Environmental Protection Act (Act. 451 of 1994)): Toluene

Minnesota Hazardous Substances List: Toluene

US MSDS 7 / 8

2-Biphenylyl isocyanate 20-Jan-2009

New Jersey Right-To-Know List: Toluene

Pennsylvania Right-To-Know List: Toluene

Rhode Island Right-To-Know List: Toluene

16 OTHER INFORMATION

#### **HAZARD RATINGS**

	Health Hazard	Fire Hazard	Instability	Special Hazard
NFPA	2	1	1	

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe

NFPA Label colored diamond code: Blue - Health; Red - Flammability; Yellow - Instability; White - Special Hazards

	Health Hazard	Flammability	Physical Hazard	<b>Personal Protection</b>
HMIS	2*	1	1	G

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe *- Chronic Health Effect

Personal Protection codes: G - Safety Glasses, Gloves, Vapor Respirator

HMIS Label colored bar code: Blue - Health; Red - Flammability; Orange - Physical Hazards; White - Special

Issue Date: 20-Jan-2009

**Supercedes Date: SDS No.:** 1024005

**Disclaimer:** This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard

workers and the environment.

US MSDS 8 / 8

Page 1 of 1



STEERS Home | Help | Contact Us | Logout |
Facility | Contacts | Billing | Wastes | Units | APF | AWS |



View Waste Code with Submitted Changes: 0113203H

Facility SWR #: 88429 Data current as of: 05/04/2009

Texas Waste Code: 0113203H

Company Waste ACETIC ANHYDRIDE

Description:

Origin Code: 1 - Generated on-site from a product process or service activity

New Chemical N Substance:

Management Location: 1 - On-site
Management Units: 001 002

*Recent changes to your cross references will be reflected here. To view your copy of record, please search the submit

log.

Status: Active

Recycled: Y (Click button below to view)

Description: Out of Date/Off Spec Acetic Anhydride Solution

For Hazardous Wastes Only:

NAICS Code: 325411 - Medicinal and Botanical Manufacturing

Measurement Point: 1 - Before any mixing of hazardous waste streams

Source Code: G11 - Discarding off-specification or out-of-date chemicals or products EPA Form Code: W203 - Concentrated non-halogenated (e.g., non-chlorinated) solvent

**System Type Codes:** 

Mixed with Radioactive N

Waste:

EPA Codes: D001 D002

This record has been submitted to the TCEQ. No additional changes can be made to this waste code information until these changes appear in the official TCEQ data on this web site.

View Recycling Information List Wastes

Page 1 of 1



STEERS Home | Help | Contact Us | Logout |
Facility | Contacts | Billing | Wastes | Units | APF | AWS |



14:55

View Waste Code with Submitted Changes: 0115203H

Facility SWR #: 88429 Data current as of: 05/04/2009

Texas Waste Code: 0115203H

Company Waste ORGANIC SOLVENTS NH

Description:

Origin Code: 1 - Generated on-site from a product process or service activity

New Chemical N Substance:

Management Location: 1 - On-site
Management Units: 001 002

*Recent changes to your cross references will be reflected here. To view your copy of record, please search the submit

log.

Status: Active

Recycled: N

Description: Out of Date/Off Spec Organic Solvents (Isopropanol, diisopropyl ether,

dibutyl ether, etc.)

For Hazardous Wastes Only:

NAICS Code: 325411 - Medicinal and Botanical Manufacturing

Measurement Point: 1 - Before any mixing of hazardous waste streams

**Source Code:** G11 - Discarding off-specification or out-of-date chemicals or products **EPA Form Code:** W203 - Concentrated non-halogenated (e.g., non-chlorinated) solvent

**System Type Codes:** 

Mixed with Radioactive N

Waste:

EPA Codes: D001

This record has been submitted to the TCEQ. No additional changes can be made to this waste code information until these changes appear in the official TCEQ data on this web site.

Page 1 of 1



STEERS Home Help Contact Us Logout

Facility Contacts Billing Wastes Units APF AWS

STEERS

14:51

View Waste Code with Submitted Changes: 0114203H

Facility SWR #: 88429 Data current as of: 05/04/2009

Texas Waste Code: 0114203H

**Company Waste TRIETHYLAMINE** 

Description:

Origin Code: 1 - Generated on-site from a product process or service activity

New Chemical N Substance:

Management Location: 1 - On-site
Management Units: 001 002

*Recent changes to your cross references will be reflected here. To view your copy of record, please search the submit

log.

Status: Active Recycled: N

**Description:** Out of Date/Off Spec Triethylamine

For Hazardous Wastes Only:

NAICS Code: 325411 - Medicinal and Botanical Manufacturing

Measurement Point: 1 - Before any mixing of hazardous waste streams

**Source Code:** G11 - Discarding off-specification or out-of-date chemicals or products **EPA Form Code:** W203 - Concentrated non-halogenated (e.g., non-chlorinated) solvent

**System Type Codes:** 

Mixed with Radioactive N

Waste:

EPA Codes: D001 U404

This record has been submitted to the TCEQ. No additional changes can be made to this waste code information until these changes appear in the official TCEQ data on this web site.

From: Zach System 2818671734 05/05/2009 15:16 #344 P:012/015

TCEQ STEERS Waste Code Information

Page 1 of 1



STEERS Home | Help | Contact Us | Logout |
Facility | Contacts | Billing | Wastes | Units | APF | AWS |

STEERS

14:55

View Waste Code with Submitted Changes: 0116219H

Facility SWR #: 88429 Data current as of: 05/04/2009

Texas Waste Code: 0116219H

Company Waste MORPHOLINE

Description:

Origin Code: 1 - Generated on-site from a product process or service activity

New Chemical N Substance:

Management Location: 1 - On-site
Management Units: 001 002

*Recent changes to your cross references will be reflected here. To view your copy of record, please search the submit

log.

Status: Active Recycled: N

**Description:** Out of date/out of spec material

For Hazardous Wastes Only:

NAICS Code: 325411 - Medicinal and Botanical Manufacturing

Measurement Point: 1 - Before any mixing of hazardous waste streams

Source Code: G11 - Discarding off-specification or out-of-date chemicals or products

EPA Form Code: W219 - Other organic liquid

System Type Codes:

Mixed with Radioactive N

Waste:

EPA Codes: D002

This record has been submitted to the TCEQ. No additional changes can be made to this waste code information until these changes appear in the official TCEQ data on this web site.

From: Zach System 2818671734 05/05/2009 15:15 #344 P.008/015

TCEO STEERS Waste Code Information

Page 1 of 1



STEERS Home | Help | Contact Us | Logout | Facility | Contacts | Billing | Wastes Units | APF | AWS |



14:48

View Waste Code with Submitted Changes: 0118407H

Facility SWR #: 88429 Data current as of: 05/04/2009

Texas Waste Code: 0118407H **Company Waste PNPCF** 

**Description:** 

Origin Code: 1 - Generated on-site from a product process or service activity

**New Chemical N** Substance:

Management Location: 1 - On-site Management Units: 001 002

*Recent changes to your cross references will be reflected here. To view your copy of record, please search the submit

log.

Status: Active Recycled: N

Description: Para nitrophenyl chloroformate 90%, Bis-4-nitrophenyl carbonate 9%, 4-

paraphenol 3%

For Hazardous Wastes Only:

NAICS Code: 325411 - Medicinal and Botanical Manufacturing Measurement Point: 1 - Before any mixing of hazardous waste streams

Source Code: G11 - Discarding off-specification or out-of-date chemicals or products

EPA Form Code: W409 - Other organic solids

**System Type Codes:** Mixed with Radioactive N Waste:

EPA Codes: D002 D003

This record has been submitted to the TCEQ. No additional changes can be made to this waste code information until these changes appear in the official TCEQ data on this web site.

Page 1 of 1



STEERS Home | Help | Contact Us | Logout |
Facility | Contacts | Billing | Wastes | Units | APF | AWS |

STEERS

14:40

View Waste Code with Submitted Changes: 0117106H

Facility SWR #: 88429 Data current as of: 05/04/2009

Texas Waste Code: 0117106H

Company Waste POTASSIUM HYDROXIDE

Description:

Origin Code: 1 - Generated on-site from a product process or service activity

New Chemical N Substance:

Management Location: 1 - On-site
Management Units: 001 002

*Recent changes to your cross references will be reflected here. To view your copy of record, please search the submit

log.

Status: Active

Recycled: N

Description: Known as CIP100 (20% potassium hydroxide, 3% Terasodium EDTA, 70%

water) Out of date/out of spec

For Hazardous Wastes Only:

NAICS Code: 325411 - Medicinal and Botanical Manufacturing

Measurement Point: 1 - Before any mixing of hazardous waste streams

Source Code: G11 - Discarding off-specification or out-of-date chemicals or products

EPA Form Code: W110 - Caustic aqueous waste without cyanides

**System Type Codes:** 

Mixed with Radioactive N

Waste:

EPA Codes: D002

This record has been submitted to the TCEQ. No additional changes can be made to this waste code information until these changes appear in the official TCEQ data on this web site.

USEC an American Ecology	olog	y	□ us i	Ecology Io Fax (208	5) 553-212: Idaho (Gra 8) 834-291!	25 rand View) 19	Fax (361) 38			09-006-9	ددک
A. CUSTOMER INF				Vaste as si					rial*(Texas cust	tomers only)	
Generator:	Zach Systems							if Billing is Sar			
Facility Address:	914 South 16th	h Street	<u></u>				Billing Con		CES Environm	nental Services, Inc.	<u>,                                     </u>
( No PO Box )							Billing Add		4904 Griggs		
Mailing Address	914 South 16th	h Street					City/State/2	•	Houston, TX 7.	7021	
City/State/Zip:	La Porte, TX 7	77571					Billing Con		Joy Baker		
Technical Contact:	Ron Smith						Phone No.:	: 713-676-1460			6
Phone: (713) 72	725-7499	Fax	x: <u>(281)</u> 86	67-1734		,	Email:	jbaker@cr	esenvironment	tal.com	_
NAICS#		ESQG [	☐ sQG [	☑ rốc	EPA ID	) <u>T</u>	XR000079062	2	State ID#_	88429	_
B. SHIPPING INFO	AMERICAN STREET, STORES STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET										
US DOT Shipping N						Corrosive Solid, Tox	<del></del>				8
3. UN/NA #	UN2923		_ 4. Pack	kaging Gro	oup	<u> </u>	5.RQ		100		
6. Container Type:	Bulk Totes	Palle	et		Size	e 55 gallon	7. Frequency:	': Year	<b> ✓</b> QTR	Month Month	_
Boxes Bags	ıs 🗹 Drums 🛭	Other	r		Quantity	y <u>1</u>	•	1 Time	_		
C. GENERAL MATI				NEORM			•				
1. Common name for th		Morpho		(PO _{Im.} ,	MAG.	1988 mene payeng		ANALYSIS NORCOLL.		SHEATHARD WARRANT	
2. Process generating th				pec product	ı drun _						
(include additional st											
3. Describe Physical Appear			colorless s	solid			-				_
4. Describe odor of waste:		Slight	: [] 5	Strong [	Describe:						
5. Knowledge is from:	_						ner (specify)				
✓ Yes No Is the m									der EPA Land D	isposal Restrictions	ς .
Yes V No Waste S			_	-					ase complete LDR	-	,
✓ Yes No State w	•			2191		1	7	nt sub-catergory	•	r 🗹 Non-wastewa	-tor
Yes No CERCL					<u> </u>		_	• -	☐ Wastewater ist ref. 40 CFR	Y NUIT TRUSCO	ite:
✓ Yes No EPA H			D002	1	Т	<b>-</b>			-	List in section D	
▼ 169 □ 140	ALI TIMES,	T	Dun_	+	+					List in section D  I point of generation	- n
<del>                                     </del>	<del></del>	+	+		+	Yes ✓ No			ed after the minus	point of generano.	n!
<del>                                     </del>	<del></del>	<del> </del>	+	+	+	☐ Yes ☑ No			0-11-9		Į.
<b></b>	<del></del>	+	+			Yes V No Source Code G				Mgt. Method H	1
	- CYTOLO	<del></del>						<u>-</u>			
D. MATERIAL CO		2.2			1	es the waste ext					
(Range Total > or = 100%				TOTALS	1	No Oxidizer			React Cyanides	ppm	
(include additional sheets as nec		al value		range		No Explosive No Organic Pe			React. Cyanides Water/Air (Pyroph		
4-(2-aminoethyl) - Morpholii	ne	100 %	+			No Organic Pe		= :	Water/Air (Pyroph Thermally Unstabl		
		<del> </del>	<del> </del>	<del></del>		No Tires			TSCA Regulated I		
		<u> </u>	<del> </del>	<del> </del>	Yes	No Pyrophoric			Regulated Medica		
					Yes	No Radioactiv	ive**	_ =	Compressed Gasse		
					Tes	No Exempt R.	RAD**	**Additional Radiole	ological info is provided in l	uSEl's WAC Addendum	
						4.0			er 40 CFR 268, App	pendix III)	
	<del>-</del>	<u> </u>	<u> </u>	Ī	-	SICAL CHARA	42.2024			_	
	<del></del> !	<u> </u>	<b></b> '	<u> </u>	1.Flash Po			2.Typical pH:		pH Range: ✓ ≤2	
		<del></del>	<del> </del>	<del> </del>	-1 (	No Possibili		tal liquids from EPA specified p			<12.50
		<del></del>	+	<del></del>	Yes	No Does wa	iste pass the 2	PA specified p	paint filter test:	≥ 12.5	5
G. GENERATOR'S C											
Certification Statement: I cer	ertify under penalty	y of law th:	hat I am fai	amiliar with	h this waste	e stream through ana	alysis and/or pro	rocess knowledge			
hat all information provided is Furthermore, I certify that his									1		
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Date approved:							And the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s	Date Denied			

## Material Safety Data Sheet

4-(2-Aminoethyl)morpholine, 99% (GC)

#### ACC# 35562

### Section 1 - Chemical Product and Company Identification

MSDS Name: 4-(2-Aminoethyl)morpholine, 99% (GC)

Catalog Numbers: AC400750000, AC400750050, AC400751000 Synonyms: N-2-Aminoethylmorpholine; 4-Morpholineethanamine.

**Company Identification:** 

Acros Organics N.V. One Reagent Lane Fair Lawn, NJ 07410

For information in North America, call: 800-ACROS-01 For emergencies in the US, call CHEMTREC: 800-424-9300

### Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	Percent	EINECS/ELINCS
2038-03-1	4-(2-aminoethyl)-Morpholine	97	218-011-6

## Section 3 - Hazards Identification

#### **EMERGENCY OVERVIEW**

Appearance: clear, colorless solid or liquid.

**Danger!** Corrosive. Causes eye and skin burns. May cause severe respiratory tract irritation with possible burns. May cause severe digestive tract irritation with possible burns.

Target Organs: No data found.

#### **Potential Health Effects**

Eye: Causes eye burns. May cause chemical conjunctivitis and corneal damage.

**Skin:** Causes skin burns. May cause skin rash (in milder cases), and cold and clammy skin with cyanosis or pale color.

**Ingestion:** May cause severe and permanent damage to the digestive tract. Causes gastrointestinal tract burns. May cause perforation of the digestive tract. May cause systemic effects.

**Inhalation:** Causes chemical burns to the respiratory tract. Aspiration may lead to pulmonary

edema. May cause systemic effects. **Chronic:** Effects may be delayed.

### Section 4 - First Aid Measures

Eyes: Get medical aid immediately. Do NOT allow victim to rub eyes or keep eyes closed.

Extensive irrigation with water is required (at least 30 minutes).

Skin: Get medical aid immediately. Immediately flush skin with plenty of water for at least 15

minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Destroy contaminated shoes.

**Ingestion:** Do not induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately. **Inhalation:** Get medical aid immediately. Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation. If breathing has ceased apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask.

**Notes to Physician:** Treat symptomatically and supportively.

### Section 5 - Fire Fighting Measures

**General Information:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Use water spray to keep fire-exposed containers cool. Vapors may be heavier than air. They can spread along the ground and collect in low or confined areas.

**Extinguishing Media:** In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam. Cool containers with flooding quantities of water until well after fire is out.

Flash Point: 175 deg C ( 347.00 deg F)
Autoignition Temperature: Not available.
Explosion Limits, Lower: Not available.

**Upper:** Not available.

NFPA Rating: (estimated) Health: 2; Flammability: 2; Instability: 0

### Section 6 - Accidental Release Measures

**General Information:** Use proper personal protective equipment as indicated in Section 8. **Spills/Leaks:** Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal. Remove all sources of ignition. Provide ventilation.

### Section 7 - Handling and Storage

**Handling:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use only in a well-ventilated area. Do not breathe dust, mist, or vapor. Do not get in eyes, on skin, or on clothing. Keep container tightly closed. Avoid ingestion and inhalation. Discard contaminated shoes.

**Storage:** Store in a cool, dry place. Keep container closed when not in use. Corrosives area.

### Section 8 - Exposure Controls, Personal Protection

**Engineering Controls:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations

#### low.

**Exposure Limits** 

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
4-(2-aminoethyl)- Morpholine	none listed	none listed	none listed

**OSHA Vacated PELs:** 4-(2-aminoethyl)-Morpholine: No OSHA Vacated PELs are listed for this chemical.

#### **Personal Protective Equipment**

**Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin:** Wear appropriate protective gloves to prevent skin exposure.

**Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**Respirators:** A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

### Section 9 - Physical and Chemical Properties

Physical State: Solid or liquid Appearance: clear, colorless

**Odor:** none reported **pH:** Not available.

Vapor Pressure: Not available.

Vapor Density: 4.49

Evaporation Rate: Not available.

Viscosity: Not available. Boiling Point: 205 deg C

Freezing/Melting Point: 24 deg C

**Decomposition Temperature:**Not available.

Solubility: soluble

Specific Gravity/Density:.9920g/cm3

Molecular Formula:C6H14N2O Molecular Weight:130.19

### Section 10 - Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures.

**Conditions to Avoid:** Incompatible materials, strong oxidants.

Incompatibilities with Other Materials: Strong acids, strong oxidizing agents.

Hazardous Decomposition Products: Nitrogen oxides, carbon monoxide, carbon monoxide,

carbon dioxide.

**Hazardous Polymerization:** Has not been reported.

### Section 11 - Toxicological Information

#### RTECS#:

CAS# 2038-03-1: QD7350000

LD50/LC50: CAS# 2038-03-1:

> Dermal, guinea pig: LD50 = 300 uL/kg; Draize test, rabbit, eye: 50 ug/24H Severe; Draize test, rabbit, skin: 5 mg/24H Severe;

Oral, rat: LD50 = 3 gm/kg;

Carcinogenicity:

CAS# 2038-03-1: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

**Epidemiology:** No information found **Teratogenicity:** No information found

Reproductive Effects: No information found

**Mutagenicity:** No information found **Neurotoxicity:** No information found

Other Studies:

### Section 12 - Ecological Information

No information available.

### Section 13 - Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed. RCRA U-Series: None listed.

### Section 14 - Transport Information

	US DOT	Canada TDG
Shipping Name:	CORROSIVE SOLIDS, TOXIC, N.O.S.	No information available.
Hazard Class:	8	
UN Number:	UN2923	
Packing Group:	II	

### Section 15 - Regulatory Information

#### **US FEDERAL**

#### **TSCA**

CAS# 2038-03-1 is listed on the TSCA inventory.

#### **Health & Safety Reporting List**

None of the chemicals are on the Health & Safety Reporting List.

### **Chemical Test Rules**

None of the chemicals in this product are under a Chemical Test Rule.

### Section 12b

None of the chemicals are listed under TSCA Section 12b.

### **TSCA Significant New Use Rule**

None of the chemicals in this material have a SNUR under TSCA.

### **CERCLA Hazardous Substances and corresponding RQs**

None of the chemicals in this material have an RQ.

### SARA Section 302 Extremely Hazardous Substances

None of the chemicals in this product have a TPQ.

**Section 313** No chemicals are reportable under Section 313.

### Clean Air Act:

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depletors.

This material does not contain any Class 2 Ozone depletors.

### Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

### OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

### STATE

CAS# 2038-03-1 can be found on the following state right to know lists: Pennsylvania, Massachusetts.

### California Prop 65

California No Significant Risk Level: None of the chemicals in this product are listed.

# European/International Regulations European Labeling in Accordance with EC Directives Hazard Symbols:

C

### **Risk Phrases:**

R 34 Causes burns.

### **Safety Phrases:**

S 25 Avoid contact with eyes.

S 36/37/39 Wear suitable protective clothing, gloves and eye/face protection

S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

### WGK (Water Danger/Protection)

CAS# 2038-03-1: 1

### Canada - DSL/NDSL

CAS# 2038-03-1 is listed on Canada's NDSL List.

### Canada - WHMIS

This product has a WHMIS classification of E.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

### **Canadian Ingredient Disclosure List**

### Section 16 - Additional Information

**MSDS Creation Date:** 9/02/1997 **Revision #7 Date:** 11/20/2008

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Fisher be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Fisher has been advised of the possibility of such damages.

Cach Surphis Inventory 1-55 gal Steel drum 1 sopropyl estre (as # 108-20-3 VICI date: 2007-08-11 101-83-7
Batch # 333120, Air products 30 gal, de gussa d-tert-leucine mfg dat 9/2006 Batch # 303307, air products

best itused by 7/2008

Il full drum I Auro

Auro

Letteritore Pere Mother Cignor let # 2-0805-9728-00

29 IIII N-Butyl Ether (NBE) CAS# 142 96-18 degussa, lot # 2-0604-8651-00 ro c'I date 2006-04-11 8+(6+8+6:25 kg polydrums

10+ 2-0809-0011-00

| PNPCF - (para nitro phenyl chloroformate)
| made by PPG for Each |
| 10+ 2-0803-0093-00 | 10+2-0802-9349-00 2 - 0862 - 9850 - 00 2 - 0802 - 9807 - 00 2 - 0802 - 9807 - 00 2 - 0802 - 9807 - 00 2 - 0802 - 9807 - 00mobil SIIBASF - Lupragen W105 - N-Methylmorpholin 1,4- di 0 x une 25 ppm 10+# 2-0705-5585-00, he plane, rec'd date 2007-06-17 Attentic Inhydride, product # 655111, Univar 99% (11) (2/3 full) lot # 090106 M

SCA-NCA: 150 kg/dnim \(\frac{23232}{232} \text{concentrate}\)

Venalfacture in liq. from

150 dnims - Johne (0A)

257/2 . 0 1 25kg polydnim Potassium Carbonak, ppG lot: 2-0704-4959-00 (11) (1111) raogel Chembrade logistics Virtex-D, sodium dithionité blend univar PC 348000 (5.5 pallets) Ammonium Contoride 50# Bap ×49 Gago / Pallet 17H Potassium Carbonate CAS# 584-08-7 lotte MY 7089-2 Armand Products Co. (53# ea) Z-Valine - pelltined and sample packs in C.Y. box CDI: N, N' Carbonyl dimidazole - made at PPG 1+ 2-0511-5857-00 2-0803-9412-00 2-0511-5856-00 7-0571-6202-00 2-0607-0503-00 dur N- (2-Amino ethyl) morpholin, 1c++99232775LO, BASF → 3: 150propyl Adobal 99%, Whydrong 355 lbs ea., 10+4 HS054860203 Activated Carbon, 50# Bago ~ 1/2 pallet (~ 15 bags) 3- Virgin trailers of & Kloppin DMS0?? Surplus Stream profile approval -Ron MSBS for Shriem 3 COA'S ON COI, PNPCF

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# Drum Profile List

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Profile #	Process Facility	Apr/Rej Date	Expire Date	Rec. Code	Customer	Generator	Cust Waste Name	Proper U.S DOT Shipping N
					ZaCh System Corp. (La Porte)			
330	03 HOU	04/29/09	04/29/11	os	ZaCh System Corp. (La Porte)	ZaCh System Corp. (La Porte)	Potassium Carbonate	Non-RCRA/Non-DOT Regulated
330	02 HOU	04/29/09	04/29/11	IS	ZaCh System Corp. (La Porte)	ZaCh System Corp. (La Porte)	Ammonium Chloride	Non-RCRA/Non-DOT Regulated
330	00 HOU	04/28/09	04/28/11	Product	ZaCh System Corp. (La Porte)	ZaCh System Corp. (La Porte)	Activated Carbon	Carbon, Activated
329	90 HOU	04/24/09	04/24/11	os	ZaCh System Corp. (La Porte)	ZaCh System Corp. (La Porte)	Z Valine	Non-RCRA/Non-DOT Regulated
328	B9 HOU	04/24/09	04/24/11	os	ZaCh System Corp. (La Porte)	ZaCh System Corp. (La Porte)	Waste CDI	Non-RCRA/Non-DOT Regulated
328	33 HOU	04/22/09	04/22/11 (	Rec	ZaCh System Corp. (La Porte)	ZaCh System Corp. (La Porte)	Solvent Product (Sweam 3)	Flammable liquid, toxic, n.o.s.
323	39 HOU	03/23/09	03/23/11	os	ZaCh System Corp. (La Porte)	ZaCh System Corp. (La Porte)	Oily rags and debris	Non-RCRA/Non-DOT Regulated (oily rags and debris)
297	78 HOU	09/04/08		Hazardo us	ZaCh System Corp. (La Porte)	ZaCh System Corp. (La Porte)	Hazardou NMP Step 5 First and Second Repulping	Waste flammable liquids, corros n.o.s., (sodium hydroxide, Meth-
292	27 HOU	08/13/08	08/13/10		ZaCh System Corp. (La Porte)	ZaCh System Corp. (La Porte)	Empty Drums	Empty Drum
289	92 HOU	07/16/08	07/16/10	OL	ZaCh System Corp. (La Porte)	ZaCh System Corp. (La Porte)	NMP Step 5 First and Second Repulping	Non-RCRA/Non DOT regulated wastewater (per 49 CFR 173.15
288	30	07/09/08		Hazardo us	ZaCh System Corp. (La Porte)	ZaCh System Corp. (La Porte)	Haz Off Spec Material	UN1993, Flammable Liquids, n. II (RQ - MTBE)
285	55 HOU	06/20/08	06/20/10		ZaCh System Corp. (La Porte)	ZaCh System Corp. (La Porte)	Nonhaz solid / liquid	Non-RCRA/Non-DOT Regulated
285	52 HOU	06/19/08		Hazardo us	ZaCh System Corp. (La Porte)	ZaCh System Corp. (La Porte)	NMP Step 3 and first part of step 4	Waste flammable liquids, n.o.s. heptane)
266	3 HOU	03/19/08	03/19/10 F		ZaCh System Corp. (La Porte)	ZaCh System Corp. (La Porte)	Recycled oil	Non-DOT Regulated Material (re oil)
266	S2 HOU	03/19/08	03/19/10	IS	ZaCh System Corp. (La Porte)	ZaCh System Corp. (La Porte)	RCRA empty lab containers	Non-RCRA/Non DOT regulated empty bottles)
266	31 HOU	03/19/08	03/19/10	os	ZaCh System Corp. (La Porte)	ZaCh System Corp. (La Porte)	Miscellaneous debris from manufacture of pharmaceutical products	Non-RCRA/Non-DOT Regulated
255	56 HOU	12/19/07	12/19/09 F	Product	ZaCh System Corp. (La Porte)	ZaCh System Corp. (La Porte)	Stream 3	UN1992, Flammable Liquids, to n.o.s., PG II
232	28	09/11/07	09/11/09 F	Product	ZaCh System Corp. (La Porte)	ZaCh System Corp. (La Porte)	Acetic acid	Acetic acid solution, corrosive, f

Texas Molecular Limited Partnership

## WASTE PROFILE DOCUMENT

TM Deer Park Services LP 2525 Battleground Rd. P.O. Bo	x 1914 Deer Park, TX 77536 281/930-2525 Fax:281/930-2535				
CUSTOMER INFORMATION:	GENERATOR INFORMATION:				
Company Name CES Environmental Services, INC	Company Name Zach Systems Corp				
Mailing Address 4904 Griggs Rd	Physical Address 914 South 16th street				
City Houston	City La Porte				
State Texas Zip 77021	State TX Zip 77571				
Contact Joy Baker	24 Hour Contact 281.842.0201				
Phone 713.676.1460 Fax 713.676.1676	24 Hour Phone <u>281.842.0201</u>				
EMAIL <u>baker@cesenvironmental.com</u>					
Waste GENERATION DATA:	USEPA ID No.				
Waste Name Triethylamine  Describe the process that generates this wastcout of spec / ou					
•					
product drums					
	s/Container Siz(55 gallon Shipping Frequency 4 per Quarter				
	ste Codes (40 CFR, Part 261, Subpart C & D) If D Codes apply, UHC Form				
Is waste hazardous per RCRA? X Yes No D001 U404	·				
Is waste nazardous per HCHA? X Tes No DOOT 0402 Is this a characteristically Hazardous Waste or a residue from the treatment of characteristic structure.					
is into a characteristically frazardous waste of a residue from the treatment of the	Table in its and it is a straight of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the interior of the inter				
WASTE PROPERTIES:	la disers was designed as a second				
	h) Healing Value (BTU/LB or other):				
1 17	i) Physical State:   Solid   x Liquid   Semi-Solid   Other				
(c) Percent Settled Solids (by vol.): 0 to 0 (i) (d) Percent Insoluble Organics (by vol.): to (ii)	i) Flash Point: 16 x deg. F deg. C x Closed Cup Open Cup k) Phases/layers: x Single Bilayered				
	Multilayered (Top % Middle % Bottom %)				
	l) Viscosity: centipoises				
	m) Dry Weight Factor				
	sindicate concentration under components below.				
Does Waste Contain Any Of The Following? 'If yes, please Yes No Yes					
Benzene NESHAP Regulated X Pathogens	X Pyrophoric X TCLP organics X				
Biological Materials  Etiological Agents  X Infectious Agents  Carcinogens	X Sulfides     X PCB's > 50 ppm     X   X   Hydrophoric       X   Explosives     X				
Radioactive Materials   X Dioxins	X Pesticides X Free Cyanides X				
OSHA Listed Compounds' (29 CFR 1910,10011050):					
COMPONENTS: RANGE	TRI REPORTING METALS (TCLP)				
Account for 100% of the waste components. (% or PPM) CAS					
Triethylamine 100 % to 121-					
lo	Barium 0 ppm Mercury 0 ppm				
to					
lo	Cadmium 0 ppm Selenium 0 ppm Copper 0 ppm Silver 0 ppm				
lo	Lead 0 ppm Thallium 0 ppm Zinc 0 ppm				
to					
to					
Waste analysis data attached: X Yes No Number of Additional Pages 5	Waste Properties determined by: Process Knowledge Waste Analysisx				
SHIPPING INFORMATION: (49 CFR 172.101) Proper DOT Shipping	Name: Waste Triethylamine				
DOT Hazard Class: 3,8 UN/NA Number: UN1296	Packing Group: II Reportable Qty.: 5000 pounds				
Method of Shipment (s): Bulk Liquids Tank Truck Vacuum					
Bulk Solids Vac Non-Vac 15 Yard	Box 20 Yard Box 25 Yard Box 30 Yard Box 40 Yard Box				
☐ Van x Drums ☐ Totes ☐ Flat Bed	Other				
Method of Collection: Underground Tanks Above Ground Ta					
Required personnel protective equipment & procedures while in your plants Full face respirator, chemical suit, and standard ppe					
Other comments or hazards including effects on human health in the event of a release:					
Ventilate area of release and remove al sources of ignition.					
I hereby certify and warrant that the information supplied of this form and on any attachments or supponentiuents and its known of suspected had use in usual receiving and warrant that this information accordance with testing procedures of the up. S. Enforcemental information the application	plements represents a complete and accurate identification and description of this waste material, its the result of an analysis of a representative sample of the waste obtained and analyzed in no knowledge of the process generating the waste materials.				
72 1/1/5 1/1	E BHS MANAGER DATE: 1/5/09				

Generator Name ZACM 5 4 Storms	Manifest Number
Waste Stream Name WASte Triefly Amixe	TM Deer Park Services Limited Partnership WS#

All characteristic wastes (EPA Codes D001 through D043) must be treated for Underlying Hazardous Constituents. If your waste has any of these codes and contains any of the following constituents you are required by law to represent this fact to TM Deer Park Services by checking the applicable constituents listed below. You must then complete the TM Deer Park Services Land Disposal Restriction Notification form to specify how your waste must be managed (Sec. 268.7)

Does this waste contain one or more of the constituents listed on pages 1, 2 or 3? YES NO D If "Yes", check applicable constituents and then sign and date the form. If "No", then sign and date the form.

./			Wastewater	Non Wastewater
Description	on	CAS No. [1]	mg/l [2]	mg/kg
I. Organi	c Constituents	1		
2-Acetyla	minofluorene	53-96-3	0.059	140
4-Aminot	piphenyl	92-67-1	0.13	NA
A2213 [	6]	30558-43-1	0.042	1.4
Acenaph	thene	83-32-9	0.059	3.4
Acenaph	thylene	208-96-8	0.059	3.4
Acetone		67-64-1	0.28	160
Acetonitr	ile	75-05-8	5.6	38
Acetophe	enone	96-86-2	0.01	9.7
Acrolein		107-02-8	0.29	NA
Acrylamic	de	79-06-1	19	23
Acryloniti	rile	107-13-1	0.24	84
Aldicarb	sulfone [6]	1646-88-4	0.056	0.28
Aldrin		309-00-2	0.021	0.066
alpha-Bl-	IC	319-84-6	0.00014	0.066
Aniline		62-53-3	0.81	14
Anthrace	ne	120-12-7	0.059	3.4
Aramite		140-57-8	0.36	NA
2-sec-Bu	tyl-4,6-dinitrophenol (Dinoseb)	88-85-7	0.066	2.5
	phenyl phenyl ether	101-55-3	0.055	15
Barban		101-27-9	0.056	1.4
Bendioca		22781-23-3	0.056	1.4
	arb phenol [6]	22961-82-6	0.056	1.4
Benomyl		17804-35-2	0.056	1.4
	nthracene	56-55-3	0.059	3.4
Benzal cl		98-87-3	0.055	6
Benzene		71-43-2	0.14	10
Benzo(a)		50-32-8	0.061	3.4
	fluoranthene	205-99-2	0.11	6.8
	t to distinguish from benzo(k)fluoranthene)			
	h,i)perylene	191-24-2	0.0055	1.8
	fluoranthene	207-08-9	0.11	6.8
	t to distinguish from benzo(b)fluoranthene)			
beta-BH0		319-85-7	0.00014	0.066
	oroisopropyl)ether	39638-32-9	0.055	7.2
	ylhexyl) phthalate	117-81-7	0.28	28
	iloroethoxy)methane	111-91-1	0.036	7.2
	loroethyl)ether	111-44-4	0.033	6
	chloromethane	75-27-4	0.35	15
	m (Tribromomethane)	75-25-2	0.63	15
	ethane/Methyl bromide	74-83-9	0.11	15
	zyl phthalate	85-68-7	0.017	28
Butylate		2008-41-5	0.042	1.4
	1,3-butadiene	126-99-8	0.057	0.28
	ethyl vinyl ether	110-75-8	0.062	N/
	naphthalene	91-58-7	0.055	5.6
2-Chloro		95-57-8	0.044	5.7
	propylene	107-05-1	0.036	30
Carbaryl		63-25-2	0.006	0.14
Carbenza		10605-21-7	0.056	1.4
Carbofur		1563-66-2	0.006	0.14
	c Constituents (Continued)	.555 00 2	0.000	

Description	CAS No. [1]	Wastewater mg/l [2]	Non Wastewate mg/kg
Carbofuran phenol [6]	1563-38-8	0.056	1.
Carbon disulfide	75-15-0	3.8	4.8mg
Carbon tetrachloride	56-23-5	0.057	4.01119
Carbosulfan [6]	55285-14-8	0.028	1.
Chlordane (alpha and gamma isomers)	57-74-9	0.0033	0.2
Chlorobenzene	108-90-7	0.057	0.2
Chlorobenzilate	510-15-6	0.007	N
Chlorodibromomethane	124-48-1	0.057	
Chloroethane	75-00-3	0.27	
Chloroform	67-66-3	0.046	
Chloromethane (Methyl chloride)	74-87-3	0.19	
Chrysene	218-01-9	0.059	3
m-Cresol (difficult to distinguish from p-cresol)	108-39-4	0.77	5
m-Cumenyl methylcarbamate [6]	64-00-6	0.056	1
cis-1,3-Dichloropropylene	10061-01-5	0.036	
Cycloate [6]	1134-23-2	0.030	1
Cyclohexanone	108-94-1	0.36	
1,1-Dichloroethane	75-34-3	0.059	0.70 mg/1701
1,1-Dichloroethylene	75-35-4	0.025	
1,2-Dibromo-3-chloropropane	96-12-8	0.023	
1,2-Dichloroethane	107-06-2	0.11	
trans-1,2-Dichloroethylene	156-60-5	0.054	
1,2-Dichloropropane	78-87-5	0.034	
1,2-Dichloroproparte 1,2-Diphenylhydrazine	122-66-7	0.087	
trans-1,3-Dichloropropylene	10061-02-6	0.036	- '
1,4-Dinitrobenzene	100-25-4	0.32	
1,4-Dinatoberizerie	123-91-1	12	1
2,4-Diokarie	120-83-2	0.044	
2,4-Dichlorophenoxyacetic acid/2,4-D	94-75-7	0.72	
2,4-Dictriorophenol	51-28-5	0.12	10
2,4-Dinitrotoluene	121-14-2	0.12	1
2,6-Dichlorophenol	87-65-0	0.044	
2.6-Dinitrotoluene	606-20-2	0.55	
2-4-D (2,4-Dichlorophenoxyacetic acid)	94-75-7	0.72	
2-4-Dimethyl phenol	105-67-9	0.036	
4,6-Dinitro-o-cresol	534-52-1	0.030	10
delta-BHC	319-86-8	0.023	0.0
di-n-butyl phthalate	84-74-2	0.023	0.00
Di-n-octyl phthalate	117-84-0	0.037	
Di-n-propylnitrosamine	621-64-7	0.017	
Dibenz(a,e)pyrene	192-65-4	0.061	
Dibenz(a,h)anthracene	53-70-3	0.055	8
Dibromomethane	74-95-3	0.033	
Dichlorodifluoromethane	75-71-8	0.71	
Dieldrin	60-57-1	0.23	0.
Diethyl phthalate	84-66-2	0.017	
Diethylene glycol, dicarbamate [6]	5952-26-1	0.056	
Dimethyl phthalate	131-11-3	0.056	
Dimetilan [6]	644-64-4	0.047	
Diphenylamine	122-39-4	0.056	
(difficult to distinguish from diphenylnitrosamine)	122-39-4	0.92	<del> </del>
	108-10-1	0.44	
Methyl isobutyl ketone	108-10-1	0.14	l .

Generator Name	ZAS :	5,5te~)
		Triethylamine

Manifest Number		
TM Deer Park Services	Limited Partnership WS#	<u> </u>

All characteristic wastes (EPA Codes D001 through D043) must be treated for Underlying Hazardous Constituents. If your waste has any of these codes and contains any of the following constituents you are required by law to represent this fact to TM Deer Park Services by checking the applicable constituents listed below. You must then complete the TM Deer Park Services Land Disposal Restriction Notification form to specify how your waste must be managed (Sec. 268.7)

Does this waste contain one or more of the constituents listed on pages 1, 2 or 3? YES 🗆 NO 🗆 If "Yes", check applicable constituents and then sign and date the form. If "No", then sign and date the form.

Description	CAS No. [1]	Wastewater mg/l [2]	Non Wastewater mg/kg
Diphenylnitrosamine	86-30-6	0.92	13
(difficult to distinguish from diphenylamir			
Disulfoton	298-04-3	0.017	6.2
Dithiocarbamates (total) [6]	137-30-4	0.028	28
Endosulfan I	959-98-8	0.023	0.066
Endosulfan II	33213-65-9	0.029	0.13
Endosulfan sulfate	1031-07-8	0.029	0.13
Endrin	72-20-8	0.0028	0.13
Endrin aldehyde	7421-93-4	0.025	0.13
EPTC [6]	759-94-4	0.042	1.4
Ethyl acetate	141-78-6	0.34	33
Ethyl benzene	100-41-4	0.057	10
Ethyl cyanide/propanenitrile	107-12-0	0.24	360
Ethyl ether	60-29-7	0.12	160
Ethyl methacrylate	97-63-2	0.14	160
Ethyl Oxide	75-21-8	0.12	N/
Ethylene dibromide (1,2-Dibromoethane)	106-93-4	0.028	15
Famphur	52-85-7	0.017	15
Fluoranthene	206-44-0	0.068	3.4
Fluorene	86-73-7	0.059	3.4
Formetanate hydrochloride [6]	23422-53-9	0.056	1.4
Formparanate [6]	17702-57-7	0.056	1.4
gamma-BHC	58-89-9	0.0017	0.066
Heptachlor	76-44-8	0.0012	0.066
Heptachlor epoxide	1024-57-3	0.016	0.066
Hexachlorobenzene	118-74-1	0.055	10
Hexachlorobutadiene	87-68-3	0.055	5.0
Hexachlorocyclopentadiene	77-47-4	0.057	2.4
Hexachloroethane	67-72-1	0.055	30
Hexachloropropylene	1888-71-7	0.035	30
HxCDDs (All Hexachlorodibenzo-p-dioxins		0.000063	0.00
HxCDFs (All Hexachlorodibenzofurans)	N/A	0.000063	0.00
3-lodo-2-propynyl n-butylcarbamate [6]	55406-53-6	0.056	1.4
Ideno (1,2,3-c,d) pyrene	193-39-5	0.0055	3.4
lodomethane	74-88-4	0.19	6:
Isobutyl alcohol	78-83-1	5.6	170
Isodrin	465-73-6	0.021	0.066
Isolan [6]	119-38-0	0.056	1.4
Isosafrole	120-58-1	0.030	2.6
Kepone	143-50-0	0.0011	0.13
3-Methylcholanthrene			1:
4,4-Methylene bis (2-chloroaniline)	56-49-5	0.0055	
m-Dichlorobenzene	101-14-4	0.5	3(
- I	541-73-1	0.036	
Methacrylonitrile	126-98-7	0.24	84
Methanol	67-56-1	5.6	0.75 mg/l TCLI
Methiocarb [6]	2032-65-7	0.056	1.4
Methomyl [6]	16752-77-5	0.028	0.1
Methoxychlor	72-43-5	0.25	0.1
Methapyrilene	91-80-5	0.081	1.:
Methyl ethyl ketone	78-93-3	0.28	36
I. Organic Constituents (Continued)			
Phorate	298-02-2	0.021	4.6

	1	Wastewater	Non Wastewater
Description	CAS No. [1]	mg/f [2]	mg/kg
Methyl methacrylate	80-62-6	0.14	160
Methyl methansulfonate	66-27-3	0.018	N/
Methyl parathion	298-00-0	0.014	4.6
Methylene chloride	75-09-2	0.089	30
Metolcarb [6]	1129-41-5	0.056	1.4
Mexacarbate [6]	315-18-4	0.056	1.4
Molinate [6]	2212-67-1	0.042	1.4
MxCDDs (All Hexachlorodiebenzo-p-dioxins)	N/A	0.000063	0.001
2-Naphthylamine	91-59-8	0.52	N/
5-Nitro-o-toluidine	99-55-8	0.32	28
n-Butyl alcohol	71-36-3	5.6	2.6
N-Nitroso-di-n-butylamine	924-16-3	0.4	17
N-Nitrosodiethylamine	55-15-5	0.4	28
N-Nitrosodimethylamine	62-75-9	0.4	2.3
N-Nitrosomethylethylamine	10595-95-6	0.4	2.3
N-Nitrosomorpholine	59-89-2	0.4	2.3
N-Nitrosopiperidine	100-75-4	0.013	3:
N-Nitrosopyrrolidine	930-55-2	0.013	39
Naphthalene	91-20-3	0.059	5.0
Nitrobenzene	98-95-3	0.068	1.
o,p-DDD	53-19-0	0.023	0.08
o,p-DDE	3424-82-6	0.023	0.08
o,p-DDT	789-02-6	0.0039	0.08
o-Cresol	95-48-7	0.0039	5.
o-Dichlorobenzene	95-50-1	0.088	5.
o-Nitroaniline	88-74-4	0.088	1.
o-Nitrophenol	88-75-5	0.028	1
Oxamyl [6]	23135-22-0	0.026	0.2
o-Phenylenediamine [6]	95-54-5	0.056	5.0
p,p-DDD	72-54-8	0.036	0.08
p,p-DDE	72-55-9	0.023	0.08
p,p-DDT	50-29-3	0.0039	0.08
L 1	59-50-7		
p-Chloro-m-cresol		0.018	1.
p-Chloroaniline	106-47-8 106-44-5	0.46	1
p-Cresol (difficult to distinguish from m-cresol) p-Dichlorobenzene	106-44-5	0.77	5.
		0.09	
p-Dimethylaminoazobenzene p-Nitroaniline	60-11-7 100-01-6	0.13	N/
p-Nitrophenol	100-01-6	0.028 0.12	2
Parathion	56-38-2		2
	1	0.014	4.
Pebulate [6]	1114-71-2	0.042	1.
PeCDDs (All Pentachlorodibenzo-p-dioxins)	N/A	0.000063	0.00
PeCDFs (All Pentachlorodiebenzofurans)	N/A	0.000035	
Pentachlorobenzene	608-93-5	0.055	1
Pentachloroethane	76-01-7	0.055	
Pentachloronitrobenzene	82-68-8	0.055	
Pentachlorophenol	87-86-5	0.089	
Phenacetin	62-44-2	0.081	1
Phenanthrene	85-01-8	0.059	
Phenol	108-95-2	0.039	6.
II. Inorganic Constituents (Continued)			
Beryllium	7440-41-7	0.82 *	1.22 mg/l TCL

Generator Name ZACh Systems	Manifest Number
Waste Stream Name Waste Triety / Amini	TM Deer Park Services Limited Partnership WS#

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Does this waste contain one or more of the constituents listed on pages 1, 2 or 3? YES 

NO 

If "Yes", check applicable constituents and then sign and date the form. If "No", then sign and date the form.

. /			Wastewater	Non Wastewater
V	Description	CAS No. [1]	mg/l [2]	mg/kg
	Phthalic acid	100-21-0	0.055	28
Н	Phthalic anhydride	85-44-9	0.055	28
$\Box$	Physostigmine [6]	57-47-6	0.056	1.4
Н	Physostigmine salicylate [6]	57-64-7	0.056	1.4
Н	Promecarb [6]	2631-37-0	0.056	1.4
H	Pronamide	23950-58-5	0.093	1.5
Н	Propham [6]	122-42-9	0.056	1.4
Н	Propoxur [6]	114-26-1	0.056	1.4
H	Prosulfocarb [6]	52888-80-9	0.042	1.4
H	Pyrene	129-00-0	0.067	8.2
Н	Pyridine	110-86-1	0.014	16
$\vdash$	Safrole	94-59-7	0.081	22
	Silvex (2,4,5-TP)	93-72-1	0.72	7.9
$\vdash$	1,1,1,2-Tetrachloroethane	630-20-6	0.057	6
	1,1,1-Trichloroethane	71-55-6	0.054	6
	1,1,2,2-Tetrachloroethane	79-34-5	0.057	6
$\vdash$	1,1,2-Trichloro-2,2,2-trifluoroethane	76-13-1	0.057	30
	1,1,2-Trichloroethane	79-00-5	0.054	6
$\vdash$	1.2.4.5-Tetrachlorobenzene	95-94-3	0.055	14
	1,2,4-Trichlorobenzene	120-82-1	0.055	19
$\vdash$	1,2,3-Trichloropropane	96-18-4	0.055	30
-	2,3,4,6-Tetrachlorophenol	58-90-2	0.83	7.4
$\vdash$	2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	93-76-5	0.03	7.9
$\vdash$	2,4,5-Trichlorophenol	95-76-3	0.72	7.4
$\vdash$	2,4,6-Trichlorophenol	88-06-2	0.18	7.4
-	TCDDs (All Tetrachlorodibenzo-p-dioxins)	N/A	0.000063	0.001
$\vdash$	TCDFs (All Tetrachlorodibenzofurans)	N/A	0.000063	0.001
	Tetrachloroethylene	127-18-4	0.000003	6
Н	Thiodicarb [6]	59669-26-0	0.038	1.4
	Thioghanate-methyl [6]	23564-05-8	0.019	1.4
	Tirpate [6]	26419-73-8	0.056	0.28
	Toluene	108-88-3	0.030	10
Н	Total PCBs (sum of all PCB isomers, or all Aroclors)	1336-36-3	0.08	10
Н	Toxaphene	8001-35-2	0.0095	2.6
Н	Triallate [6]	2303-17-8	0.0093	1.4
$\vdash$	Trichloroethylene	79-01-6	0.042	6
H	Trichloromonofluoromethane	75-69-4	0.034	30
$\vdash $	Triethylamine [6]	101-44-8	0.02	1.5
H	tris-(2,3-Dibromopropyl) phosphate	126-72-7	0.081	0.1
Н	Vernolate [6]			
$\vdash$	Vinyl chloride	1929-77-7 75-01-4	0.042 0.27	1.4
Н				
$\Box$	Xylenes-mixed isomers	1330-20-7	0.32	30
	(sum of o-,m-,and p-xylene concentrations)			

11.	Inorganic Constituents	

Antimony	7440-36-0	1.9 *	1.15 mg/l TCLP
Arsenic	7440-38-2	1.4 *	5.0 mg/l TCLP
Barium	7440-39-3	1.2 *	21.0 mg/l TCLP

-		·=	
		Wastewater	Non Wastewater
Description	CAS No. [1]	mg/l [2]	mg/kg
Cadmium	7440-43-9	0.69 *	0.11 mg/I TCLP
Chromium (Total)	7440-47-3	2.77 *	0.60 mg/l TCLP
Cyanides (Amenable) [4]	57-12-5	0.86	30
Cyanides (Total) [4]	57-12-5	1.2	590
Fluoride [5]	16984-48-8	35	NA
Lead	7439-92-1	0.69 *	0.75 mg/l TCLP
Mercury - All others	7439-97-6	0.15 *	0.025 mg/l TCLP
Mercury - Retort nonwastewater	7439-97-6	NA *	0.20 mg/l TCLP
Nickel	7440-02-0	3.98 *	11.0 mg/l TCLP
Selenium	7782-49-2	0.82 *	5.7 mg/l TCLP
Silver	7440-22-4	0.43 *	0.14 mg/l TCLP
Sulfide	18496-25-8	14	NA
Thallium	7440-28-0	1.4 *	0.2 mg/l TCLP
Vanadium [4]	7440-62-2	4.3 *	1.6 mg/l TCLP
Zinc [5]	7440-66-6	2.61 *	4.3 mg/l TCLP

- [1] CAS: Chemical Abstract Services. When the waste code and/or regulated constituents are described as a combination of a chemical with its salts and/or esters, the CAS number is given for the parent compound only.
- [2] Concentration standards for wastewater's are expressed in mg/l and are based on analysis of composite samples
- [3] Except for Metals (EP or TCLP) and Cyanides (Total and Amenable) the nonwastewater treatment standards expressed as a concentration were established, in part, based upon incineration in units operated in accordance with the technical requirements of 40 CFR part 264, supbart O, or 40 CFR part 265, subpart O, or based upon combustion in fuel substitution units operataing in accordance with applicable technical requirements. A facility may comply with these treatment standards according to provisions in 40 CFR 268.40(d). All concentration standards for nonwastewaters are based on analysis of grab samples.
- [4] Both Cyanides (Total) and Cyanides (Amenable) for nonwastewaters are to be analyzed using Method 9010 or 9012, found in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", EPA Publication SW-846, as incorporated by reference in 40 CFR 260.11, with a sample size of 10 grams and a distillation time of one hour and 15 minutes.
- [5] These constituents are not "underlying hazardous constituents" in characteristic wastes, according to the definition at 268.2(i).
- [6] Between August 26, 1997 and August 26, 1998, these constituents are not underlying hazardous constituents as defined at 268.2(i).

[59FR 47982, Sept. 19, 1994; 60 FR 242, Jan. 3, 1995; 61 FR 15566, Apr. 08, 1996; 61 FR]

I certify that the above is true and correct and that the submission of a false or misleading certification can lead to the possibility of fines of imprisonment.

Generator Signature

5/14/07

				~~~								
TEFA		(7	□ us	Ecology N	evada (B	eatty)	Us	Ecology Tex	as (Robstow	n) Profile	#:	
UDEC	ninz	y		Fax (775 Ecology Id) 553-212 Jaho (Gri			Fax (361) 38	7-0794		**************************************	
an American Ecology	сопірану			Fax (208) 834-291	9						
A. CUSTOMER INF			* W	uste as si	hipped	vill be :	Indus				ustomers only	y)
Generator:	Zach Systems 914 South 16th							_	f Billing is Sa		umantal Camia	es les
Facility Address: (No PO Box)	914 South 10th	Street						Billing Con			nmental Service	es, mc.
Mailing Address	914 South 16th	Straat						Billing Add City/State/Z		4904 Griggs Houston, TX		
City/State/Zip:	La Porte, TX 7							Billing Con	-	Joy Baker	77021	
Technical Contact:	Ron Smith	7.57 1						=	713-676-1460		713-6	76-1676
Phone: (713) 72		Fax:	(281)80							esenvironm		0 1070
NAICS#		-		IJ LQG	EPA (E	-).	-	R000079062		State II		3429
B. SHIPPING INFO		-	-			-						
ı US DOT Shipping N	A			Corrosive	Solid, To	xic. N.O.S	. (Para N	itrophenyl ch	loroformate)		2. Hazard Class	s 8, 6.1
3. UN/NA #	UN2923			aging Gro		11		s.RQ			00	
6 Container Type:			-	-56	-	55 ga	illon 7	7. Frequency:		 ✓ QTR	Month	
☐ Boxes ☐ Bag						-	3		1 Time			
					-							
C. GENERAL MATI		ULAT (PNPCF		FORMA	TION							
 Common name for th Process generating th 				ec product	draw							
(include additional st			are of sp	et produir	(iritii)							
3. Describe Physical Appea	•		olorless	olid		-						
4. Describe odor of waste:	□ None □	Slight		trong [Describe:	Pungent						
5 Knowledge is from:		_		•			Othe	r (specify)				
✓ Yes No Is the m					Jugor Kir			_		der EPA Land	Disposal Rest	rictions
Yes No Waste			-				_			se complete L		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
✓ Yes ☐ No State w	=	0118		Ţ					sub-catergory	•	ter 🗹 Non-w	vastewater
Yes No CERCI										wasiewa st ref. 40 CFR		astematei
✓ Yes No EPA H			D002	D003		1					m: List in secti	ion D
			12002	2000							ial point of ger	
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						1 ===	=	-	tandards for	Soil ?		
						Source Co			Form Code W		Mgt. Method H	
D. MATERIAL CO	MPOSITION	(Physic	cal/Cher	nical)	E. Doe	s the wa	ste exh	ibit or con	tain the fo	lowing:		
(Range Total > or = 100%				TOTALS	J	✓ No O				React. Sulfides	of an experience of the first first of a re-	ppm
(include additional sheets as nec		l value		range		✓ No E				React. Cyanides		_ ppm
Para n itrophen yl		90%		>90%		✓ No O	-	_		Water/Air (Pyr		_
Bis-4-nitrophenyl carbonate		9%		<9%		✓ No St		itive _		Thermally Uns		
4-nitrophenol		3%		<3%		☑ No Û		<u></u>	: =	TSCA Regulat		.,
					Yes Yes	= .		.** <u>L</u>		Compressed G	lical/Infectious V	vaste
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						===				τ 40 CFR 268, /		
								CTERISTI				
					L.Flash Po		°	F (if <140°F)	2.Typical pH:	1.9	_pH Range: 🗸	≤ 2
										transportation?		>2. <12.50
					Yes	∠ No	Does was	te pass the El	A specified p	paint filter test?	_] ≥ 12.5
G. GENERATOR'S C												
Certification Statement: I cer								-	-	e, and		
hat all information provided is furthermore, I certify that this	•									Cil		
	1160	/_							RUNALIN -		1-1-	
Signature: Facility use only	MICHAN	\cong					Title:	its Manao	67	. Date	= 5/5/0g	Talian
First review			Second	review				1	Final review:			
Date approved:			200110	- U . 10 W					Date Denied:			
Date approved.	100 100 100 100 100 100						and the second ways.	grada efficiencia	raic arcinett	anarer s <u>alamenatif véser</u>	STANDARD SAME STORES	1500 NAPTON 1



WASTE PROFILE DOCUMENT

TM Deer Park Services LP	2525 Battleground Rd.	P.O. Box 1914	Deer Park, TX 7753	6 281/930-2525	Fax:281/930-2535
CUSTOMER INFORMATION:			RATOR INFORMATIO		
Company Name CES Envi			any Name Zach S		
Mailing Address 4904 Grig City Houston	igs Ha	Physic City	al Address 914 So La Porte	outh 16th street	
City Houston State Texas	Zip 77021	State	TX	Zip	77571
Contact Joy Baker	Zip <u>17021</u>		ur Contact 281.84		7371
Phone 713.676.1460	Fax 713.676.16		ur Phone 281.84		
EMAIL paker@cesenvironmental.com					
WASTE GENERATION DATA: Waste Name Waste Acetic		· ·	SEPA ID No.	TXIRIOIOIOI	7 9 0 6 2
Describe the process that ge	enerates this wastcout of	spec / out of dat T	exas Gen. ID No.	8 8 4 2 9 SIC	/#
product drums		T	exas Waste Code	011320	3 H
Annual Volume 9	lbs tons gals	x drums/Containe	r Sizi 55 gallon Sh	nipping Frequency_	9 per year
RCRA DATA:			40 CFR, Part 261, Sub	opart C & D) If D Code	s apply, UHC Form
		ncluded with profile			
Is waste hazardous per RCRA? Is this a characteristically Hazardous		D002 D00	<u></u> .	Ves-Underlying Constitu	ent Form Att. No
is this a characteristically flazardous	VV ASIG OF A TESTODE HOTTING WELL	intern of characteristical	y (lazardous Wasio: X	res-orderlying constitu	ant i dini Att.
WASTE PROPERTIES: (a) pH Range: 2	to 12	(h) Heating	Value (BTU/LB or other		
· · · · · · · · · · · · · · · · · · ·	1,2	(i) Physica	`		mi-Solid Other
(c) Percent Settled Solids (by		(i) Flash P	i	<u> </u>	ed Cup Open Cup
(d) Percent Insoluble Organics		(k) Phases		Bilayered	
l ` '	yellow, clear, turbid, etc.): cle		tilayered (Top	<u> </u>	Battom %)
(f) Odor: x Strong	Mild None	(I) Viscosi	y:	centipoises	 ,
(g) Describe Odor (acrid, ranci	id, etc.): acetic odor	(m) Dry We	ight Factor		
Does Waste Contain Any Of Th	e Following? * If y	es, please indicate c	oncentration under com	ponents below.	
Benzene NESHAP Regulated	Yes No Pathogens	Yes No		No ☑ TCLP organi	Yes No
Biological Materials	x Infectious Agents		' '	x PCB's > 50 p	
Etiological Agents	X Carcinogens			x Explosives	
Radioactive Materials OSHA Listed Compounds' (29 C	Dioxins FR 1910.10011060):	X P	esticides [x Free Cyanide	es' 🗆 🗵
COMPONENTS:	RANGE		ORTING	METALS (TO	CLP)
Account for 100% of the waste comp	onenis (% or PPM			ESIGNATE CONCEN	•
Acetic Anhydride	100 % to	108-24-7	Arsen	ic <u>0</u> ppm Mar	nganese 0 ppm
	to		Bariur	m <u>0</u> ppm Mer	cury <u>0</u> ppm
	to		Chron	nium <u>0 </u>	
	to		Cadm		
	lo		Сорре		
	to		Lead	0 ppm Tha	
	¹⁰			Zino	<u> </u>
	to				
Waste analysis data attached: x Yes		Pages 5 Waste P	operlies determined by:	Process Knowledge	Waste Analysisx
SHIPPING INFORMATION: (49	CFR 172.101) Proper DO	T Shipping Name: <u>W</u>	aste Acetic Anhydride		
DOT Hazard Class: 8, 3	UN/NA Number: UN17	715 P	acking Group: II	Reportable	⊋ Qty.: 5000
Method of Shipment (s): Bulk	Liquids Tank Truck	Vacuum Truck	Other:	· · · · · · · · · · · · · · · · · · ·	
Bulk Solids Vac	Non-Vac	15 Yard Box	, —	Yard Box 30 Yar	d Box 40 Yard Bo
U Van X Drum		Flat Bed	Other		
J	•	_	umps X Drums	Other	
Required personnel protective equivalent face respirator with organic ca	,				
Other comments or hazards include			se:		
Vapors are corrosive to mucous m	embranes, Corrosive to skin	and eyes.			
I hereby certify and warrant that the information constituents and its known of suspected hazar accordance with lesting procedures of the US	nsupped on this formand on any attach use i furner centry and varrant that this i Environmental Protegron Agency or by t	ments or supplements repre niormation is the result of ai he application of knowledge	sents a complete and accurate analysis of a representative sa of the process generating the w	identification and description o mple of the waste optained an vaste materials.	f this waste material, its dianalyzed in
SIGNATURE:	Contlina	TITLE: EHS			DATE: 5/5/09

G Sime ZACH S.y Stens	Manifest Number
Waste Stream Name Acatic Aningdrile	TM Deer Park Services Limited Partnership WS#

All characteristic wastes (EPA Codes D001 through D043) must be treated for Underlying Hazardous Constituents. If your waste has any of these codes and contains any of the following constituents you are required by law to represent this fact to TM Deer Park Services by checking the applicable constituents listed below. You must then complete the TM Deer Park Services Land Disposal Restriction Notification form to specify how your waste must be managed (Sec. 268.7)

Does this waste contain one or more of the constituents listed on pages 1, 2 or 3? YES 🗆 NO 🖋 If "Yes", check applicable constituents and then sign and date the form. If "No", then sign and date the form.

		Wastewater	Non Wastewate
Description	CAS No. [1]	mg/l [2]	mg/kg
I. Organic Constituents]		
2-Acetylaminofluorene	53-96-3	0.059	14
4-Aminobiphenyl	92-67-1	0.13	N
A2213 [6]	30558-43-1	0.042	1
Acenaphthene	83-32-9	0.059	3
Acenaphthylene	208-96-8	0.059	3
Acetone	67-64-1	0.28	16
Acetonitrile	75-05-8	5.6	
Acetophenone	96-86-2	0.01	9
Acrolein	107-02-8	0.29	N
Acrylamide	79-06-1	19	2
Acrylonitrile	107-13-1	0.24	
Aldicarb sulfone [6]	1646-88-4	0.056	0.2
Aldrin	309-00-2	0.021	0.06
alpha-BHC	319-84-6	0.00014	0.06
Aniline	62-53-3	0.81	
Anthracene	120-12-7	0.059	3
Aramite	140-57-8	0.36	N
2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	88-85-7	0.066	2
4-Bromophenyl phenyl ether	101-55-3	0.055	
Barban [6]	101-27-9	0.056	1
Bendiocarb [6]	22781-23-3	0.056	1
Bendiocarb phenol [6]	22961-82-6	0.056	1
Benomyl [6]	17804-35-2	0.056	1
Benz(a)anthracene	56-55-3	0.059	3
Benzal chloride	98-87-3	0.055	
Benzene	71-43-2	0.14	
Benzo(a)pyrene	50-32-8	0.061	3
Benzo(b)fluoranthene	205-99-2	0.001	6
(difficult to distinguish from benzo(k)fluoranthene)	203-99-2	0.11	<u> </u>
Benzo(g,h,i)perylene	191-24-2	0.0055	1
Benzo(k)fluoranthene	207-08-9	0.0033	
(difficult to distinguish from benzo(b)fluoranthene)	207-00-9	0.11	
beta-BHC	319-85-7	0.00014	0.0
bis(2-Chloroisopropyl)ether	39638-32-9	0.00014	7
bis(2-Ethylhexyl) phthalate	117-81-7	0.035	
bis-(2-Chloroethoxy)methane	111-91-1	0.036	
bis-(2-Chloroethyl)ether	111-91-1	0.030	
Bromodichloromethane	75-27-4	0.035	
Bromoform (Tribromomethane)	75-27-4		
Bromomethane/Methyl bromide	74-83-9	0.63	
Butyl benzyl phthalate		0.11	2
Butylate [6]	85-68-7 2008-41-5	0.017 0.042	
			1
2-chloro-1,3-butadiene	126-99-8	0.057	0.2
2-Chloroethyl vinyl ether	110-75-8	0.062	N
2-Chloronaphthalene	91-58-7	0.055	5
2-Chlorophenol	95-57-8	0.044	5
3-Chloropropylene	107-05-1	0.036	
Carbaryl [6]	63-25-2	0.006	0.1
Carbenzadim [6]	10605-21-7	0.056	1
Carbofuran [6] I. Organic Constituents (Continued)	1563-66-2	0.006	0.1

		Wastewater	Non Wastewater
Description	CAS No. [1]	mg/l [2]	mg/kg
Carbofuran phenol [6]	1563-38-8	0.056	1.4
Carbon disulfide	75-15-0	3.8	4.8mg
Carbon tetrachloride	56-23-5	0.057	
Carbosulfan [6]	55285-14-8	0.028	1.
Chlordane (alpha and gamma isomers)	57-74-9	0.0033	0.2
Chlorobenzene	108-90-7	0.057	
Chlorobenzilate	510-15-6	0.1	N.
Chlorodibromomethane	124-48-1	0.057	1
Chloroethane	75-00-3	0.27	
Chloroform	67-66-3	0.046	
Chloromethane (Methyl chloride)	74-87-3	0.19	3
Chrysene	218-01-9	0.059	3.
m-Cresol (difficult to distinguish from p-cresol)	108-39-4	0.77	5.
m-Cumenyl methylcarbamate [6]	64-00-6	0.056	1.
cis-1,3-Dichloropropylene	10061-01-5	0.036	1
Cycloate [6]	1134-23-2	0.042	1.
Cyclohexanone	108-94-1	0.36	0.75 mg/l TCL
1,1-Dichloroethane	75-34-3	0.059	
1,1-Dichloroethylene	75-35-4	0.025	
1,2-Dibromo-3-chloropropane	96-12-8	0.11	1
1,2-Dichloroethane	107-06-2	0.21	
trans-1,2-Dichloroethylene	156-60-5	0.054	3
1,2-Dichloropropane	78-87-5	0.85	1
1,2-Diphenylhydrazine	122-66-7	0.087	N
trans-1,3-Dichloropropylene	10061-02-6	0.036	1
1,4-Dinitrobenzene	100-25-4	0.32	2.
1,4-Dioxane	123-91-1	12	17
2,4-Dichlorophenol	120-83-2	0.044	1
2,4-Dichlorophenoxyacetic acid/2,4-D	94-75-7	0.72	1
2,4-Dinitrophenol	51-28-5	0.12	16
2,4-Dinitrotoluene	121-14-2	0.32	14
2,6-Dichlorophenol	87-65-0	0.044	1
2,6-Dinitrotoluene	606-20-2	0.55	2
2-4-D (2,4-Dichlorophenoxyacetic acid)	94-75-7	0.72	1
2-4-Dimethyl phenol	105-67-9	0.036	1
4,6-Dinitro-o-cresol	534-52-1	0.28	16
delta-BHC	319-86-8	0.023	0.06
di-n-butyl phthalate	84-74-2	0.057	2
Di-n-octyl phthalate	117-84-0	0.017	2
Di-n-propylnitrosamine	621-64-7	0.4	1
Dibenz(a,e)pyrene	192-65-4	0.061	N
Dibenz(a,h)anthracene	53-70-3	0.055	8
Dibromomethane	74-95-3	0.11	1
Dichlorodifluoromethane	75-71-8	0.23	7.
Dieldrin	60-57-1	0.017	0.1
Diethyl phthalate	84-66-2	0.2	2
Diethylene glycol, dicarbamate [6]	5952-26-1	0.056	1
Dimethyl phthalate	131-11-3	0.047	2
Dimetilan [6]	644-64-4	0.056	1.
Diphenylamine	122-39-4	0.92	1
(difficult to distinguish from diphenylnitrosamine)			
Methyl isobutyl ketone	108-10-1	0.14	3

Generator Name	ZACC	S-7- 5+ a-	<u>~1</u>
Waste Stream Na	me VA:	ste tri	esting I Amine

Manifest Number	
TM Deer Park Services Limited Partnership WS#	

All characteristic wastes (EPA Codes D001 through D043) must be treated for Underlying Hazardous Constituents. If your waste has any of these codes and contains any of the following constituents you are required by law to represent this fact to TM Deer Park Services by checking the applicable constituents listed below. You must then complete the TM Deer Park Services Land Disposal Restriction Notification form to specify how your waste must be managed (Sec. 268.7)

Does this waste contain one or more of the constituents listed on pages 1, 2 or 3? YES \square NO \square If "Yes", check applicable constituents and then sign and date the form. If "No", then sign and date the form.

/	Description	CAS No. [1]	Wastewater mg/l [2]	Non Wastewater mg/kg
		• • • • • • • • • • • • • • • • • • • •		
Ш	Diphenylnitrosamine	86-30-6	0.92	13
	(difficult to distinguish from diphenylamine) Disulfoton	298-04-3	0.017	6.2
Н	Dithiocarbamates (total) [6]	137-30-4	0.017	28
Н	Endosulfan I	959-98-8	0.028	0.066
Н	Endosulfan II	33213-65-9	0.023	0.066
\vdash	Endosulfan sulfate	1031-07-8	0.029	0.13
Н	Endrin	72-20-8	0.0028	0.13
Н		7421-93-4	0.0026	0.13
Н	EPTC [6]	759-94-4	0.025	1.4
Н		141-78-6	0.042	33
\vdash	Ethyl acetate Ethyl benzene	100-41-4	0.057	10
Н	Ethyl cyanide/propanenitrile	107-12-0	0.037	360
\vdash	Ethyl ether	60-29-7	0.24	160
Н	Ethyl methacrylate	97-63-2	0.12	160
Н	Ethyl Oxide	75-21-8	0.14	NA
Н	Ethylene dibromide (1,2-Dibromoethane)	106-93-4	0.028	15
Н	Famphur	52-85-7	0.028	15
Н	Fluoranthene	206-44-0	0.017	3.4
Н	Fluorene	86-73-7	0.068	3.4
Н	Formetanate hydrochloride [6]	23422-53-9	0.056	1.4
Н	Formparanate [6]	17702-57-7	0.056	1.4
Н	gamma-BHC	58-89-9	0.030	0.066
Н				
Н	Heptachlor	76-44-8	0.0012	0.066
Н	Heptachlor epoxide	1024-57-3	0.016	0.066
Н	Hexachlorobenzene Hexachlorobutadiene	118-74-1 87-68-3	0.055 0.055	10 5.6
Н	Hexachlorocyclopentadiene	77-47-4	0.055	2.4
Н		67-72-1		
Н	Hexachloroethane		0.055 0.035	30 30
Н	Hexachloropropylene HxCDDs (All Hexachlorodibenzo-p-dioxins)	1888-71-7 N/A	0.00063	0.001
Н	HxCDFs (All Hexachlorodibenzofurans)	N/A N/A	0.000063	0.001
Н				
Н	3-lodo-2-propynyl n-butylcarbamate [6] Ideno (1,2,3-c,d) pyrene	55406-53-6 193-39-5	0.056 0.0055	1.4 3.4
Н	lodomethane	74-88-4	0.0055	65
Н	Isobutyl alcohol	78-83-1	5.6	170
Н	Isodrin	465-73-6	0.021	0.066
Н	Isolan [6]	119-38-0	0.021	1.4
Н	Isosafrole	120-58-1	0.030	2.6
\vdash	Kepone	143-50-0		0.13
Н			0.0011	
Н	3-Methylcholanthrene 4,4-Methylene bis (2-chloroaniline)	56-49-5 101-14-4	0.0055	15
Н	m-Dichlorobenzene	541-73-1	0.5 0.036	30
\vdash				
Н	Methacrylonitrile Methanol	126-98-7 67-56-1	0.24	0.75 mg/LTCL D
\vdash	Methiocarb [6]	2032-65-7	5.6 0.056	0.75 mg/l TCLP
\vdash	Methocarb [6]	16752-77-5	0.036	1.4 0.14
\vdash	Methoxychlor	72-43-5	0.028	0.14
\vdash	Methapyrilene	91-80-5	0.25	1.5
\vdash	Methyl ethyl ketone	78-93-3	0.081	36
ш	I. Organic Constituents (Continued)	10-93-3	0.28	
	. ,	200 00 0	0.001	
L	Phorate	298-02-2	0.021	4.6

	Ī	Wastewater	Non Wastewater
Description	CAS No. [1]	mg/l [2]	mg/kg
Methyl methacrylate	80-62-6	0.14	160
Methyl methansulfonate	66-27-3	0.14	NA
Methyl parathion	298-00-0	0.018	4.6
Methylene chloride	75-09-2	0.014	30
Metolcarb [6]	1129-41-5	0.056	
* *	315-18-4		1.4
Mexacarbate [6]	<u> </u>	0.056	1.4
Molinate [6]	2212-67-1	0.042	1.4
MxCDDs (All Hexachlorodiebenzo-p-dioxins)	N/A	0.000063	0.001
2-Naphthylamine	91-59-8	0.52	NA 000
5-Nitro-o-toluidine	99-55-8	0.32	28
n-Butyl alcohol	71-36-3	5.6	2.6
N-Nitroso-di-n-butylamine	924-16-3	0.4	17
N-Nitrosodiethylamine	55-15-5	0.4	28
N-Nitrosodimethylamine	62-75-9	0.4	2.3
N-Nitrosomethylethylamine	10595-95-6	0.4	2.3
N-Nitrosomorpholine	59-89-2	0.4	2.3
N-Nitrosopiperidine	100-75-4	0.013	35
N-Nitrosopyrrolidine	930-55-2	0.013	35
Naphthalene	91-20-3	0.059	5.6
Nitrobenzene	98-95-3	0.068	14
o,p-DDD	53-19-0	0.023	0.087
o,p-DDE	3424-82-6	0.031	0.087
o,p-DDT	789-02-6	0.0039	0.087
o-Cresol	95-48-7	0.11	5.6
o-Dichlorobenzene	95-50-1	0.088	6
o-Nitroaniline	88-74-4	0.27	14
o-Nitrophenol	88-75-5	0.028	13
Oxamyl [6]	23135-22-0	0.056	0.28
o-Phenylenediamine [6]	95-54-5	0.056	5.6
p,p-DDD	72-54-8	0.030	0.087
p,p-DDE	72-55-9	0.023	
p,p-DDT	50-29-3	0.0039	0.087 0.087
1.1.			
p-Chloro-m-cresol	59-50-7	0.018	14
p-Chloroaniline	106-47-8	0.46	16
p-Cresol (difficult to distinguish from m-cresol)	106-44-5	0.77	5.6
p-Dichlorobenzene	106-46-7	0.09	6
p-Dimethylaminoazobenzene	60-11-7	0.13	NA 000
p-Nitroaniline	100-01-6	0.028	28
p-Nitrophenol	100-02-7	0.12	29
Parathion	56-38-2	0.014	4.6
Pebulate [6]	1114-71-2	0.042	1.4
PeCDDs (All Pentachlorodibenzo-p-dioxins)	N/A	0.000063	0.001
PeCDFs (All Pentachlorodiebenzofurans)	N/A	0.000035	0.001
Pentachlorobenzene	608-93-5	0.055	10
Pentachloroethane	76-01-7	0.055	6
Pentachloronitrobenzene	82-68-8	0.055	4.8
Pentachlorophenol	87-86-5	0.089	7.4
Phenacetin	62-44-2	0.081	16
Phenanthrene	85-01-8	0.059	5.6
Phenol	108-95-2	0.039	6.2
II. Inorganic Constituents (Continued)	1		
	7440-41-7	0.82 *	1.22 mg/l TCLP

Generator Name	Manifest Number
Waste Stream Name	TM Deer Park Services Limited Partnership WS#

All characteristic wastes (EPA Codes D001 through D043) must be treated for Underlying Hazardous Constituents. If your waste has any of these codes and contains any of the following constituents you are required by law to represent this fact to TM Deer Park Services by checking the applicable constituents listed below. You must then complete the TM Deer Park Services Land Disposal Restriction Notification form to specify how your waste must be managed (Sec. 268.7)

Does this waste contain one or more of the constituents listed on pages 1, 2 or 3? YES

NO

If "Yes", check applicable constituents and then sign and date the form. If "No", then sign and date the form.

			Wastewater	Non Wastewater
Y	Description	CAS No. [1]	mg/l [2]	mg/kg
\Box	Phthalic acid	100-21-0	0.055	28
П	Phthalic anhydride	85-44-9	0.055	28
	Physostigmine [6]	57-47-6	0.056	1.4
П	Physostigmine salicylate [6]	57-64-7	0.056	1.4
П	Promecarb [6]	2631-37-0	0.056	1.4
П	Pronamide	23950-58-5	0.093	1.5
	Propham [6]	122-42-9	0.056	1.4
П	Propoxur [6]	114-26-1	0.056	1.4
	Prosulfocarb [6]	52888-80-9	0.042	1.4
П	Pyrene	129-00-0	0.067	8.2
П	Pyridine	110-86-1	0.014	16
П	Safrole	94-59-7	0.081	22
П	Silvex (2,4,5-TP)	93-72-1	0.72	7.9
П	1,1,1,2-Tetrachloroethane	630-20-6	0.057	6
\Box	1,1,1-Trichloroethane	71-55-6	0.054	6
H	1,1,2,2-Tetrachloroethane	79-34-5	0.057	6
\Box	1,1,2-Trichloro-2,2,2-trifluoroethane	76-13-1	0.057	30
\Box	1,1,2-Trichloroethane	79-00-5	0.054	6
П	1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14
П	1,2,4-Trichlorobenzene	120-82-1	0.055	19
\Box	1,2,3-Trichloropropane	96-18-4	0.85	30
П	2,3,4,6-Tetrachlorophenol	58-90-2	0.03	7.4
\Box	2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	93-76-5	0.72	7.9
П	2,4,5-Trichlorophenol	95-95-4	0.18	7.4
П	2,4,6-Trichlorophenol	88-06-2	0.035	7.4
П	TCDDs (All Tetrachlorodibenzo-p-dioxins)	N/A	0.000063	0.001
П	TCDFs (All Tetrachlorodibenzofurans)	N/A	0.000063	0.001
П	Tetrachloroethylene	127-18-4	0.056	6
\Box	Thiodicarb [6]	59669-26-0	0.019	1.4
П	Thiophanate-methyl [6]	23564-05-8	0.056	1.4
П	Tirpate [6]	26419-73-8	0.056	0.28
П	Toluene	108-88-3	0.08	10
П	Total PCBs (sum of all PCB isomers, or all Aroclors)	1336-36-3	0.1	10
П	Toxaphene	8001-35-2	0.0095	2.6
\Box	Triallate [6]	2303-17-8	0.042	1.4
П	Trichloroethylene	79-01-6	0.054	6
П	Trichloromonofluoromethane	75-69-4	0.02	30
П	Triethylamine [6]	101-44-8	0.081	1.5
\Box	tris-(2,3-Dibromopropyl) phosphate	126-72-7	0.11	0.1
П	Vernolate [6]	1929-77-7	0.042	1.4
\square	Vinyl chloride	75-01-4	0.27	6
П	Xylenes-mixed isomers	1330-20-7	0.32	30
	(sum of o-,m-,and p-xylene concentrations)			

II. Inorganic Constituents

Antimony	7440-36-0	1.9 *	1.15 mg/l TCLP
Arsenic	7440-38-2	1.4 *	5.0 mg/l TCLP
Barium	7440-39-3	1.2 *	21.0 mg/l TCLP

		Wastewater	Non Wastewater
Description	CAS No. [1]	mg/l [2]	mg/kg
Cadmium	7440-43-9	0.69 *	0.11 mg/l TCLP
Chromium (Total)	7440-47-3	2.77 *	0.60 mg/l TCLP
Cyanides (Amenable) [4]	57-12-5	0.86	30
Cyanides (Total) [4]	57-12-5	1.2	590
Fluoride [5]	16984-48-8	35	NA
Lead	7439-92-1	0.69 *	0.75 mg/l TCLP
Mercury - All others	7439-97-6	0.15 *	0.025 mg/l TCLP
Mercury - Retort nonwastewater	7439-97-6	NA *	0.20 mg/l TCLP
Nickel	7440-02-0	3.98 *	11.0 mg/l TCLP
Selenium	7782-49-2	0.82 *	5.7 mg/l TCLP
Silver	7440-22-4	0.43 *	0.14 mg/l TCLP
Sulfide	18496-25-8	14	NA
Thallium	7440-28-0	1.4 *	0.2 mg/l TCLP
Vanadium [4]	7440-62-2	4.3 *	1.6 mg/l TCLP
Zinc [5]	7440-66-6	2.61 *	4.3 mg/l TCLP

- [1] CAS: Chemical Abstract Services. When the waste code and/or regulated constituents are described as a combination of a chemical with its salts and/or esters, the CAS number is given for the parent compound only.
- [2] Concentration standards for wastewater's are expressed in mg/l and are based on analysis of composite samples
- 3] Except for Metals (EP or TCLP) and Cyanides (Total and Amenable) the nonwastewater treatment standards expressed as a concentration were established, in part, based upon incineration in units operated in accordance with the technical requirements of 40 CFR part 264, supbart O, or 40 CFR part 265, subpart O, or based upon combustion in fuel substitution units operataing in accordance with applicable technical requirements. A facility may comply with these treatment standards according to provisions in 40 CFR 268.40(d). All concentration standards for nonwastewaters are based on analysis of grab samples.
- [4] Both Cyanides (Total) and Cyanides (Amenable) for nonwastewaters are to be analyzed using Method 9010 or 9012, found in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", EPA Publication SW-846, as incorporated by reference in 40 CFR 260.11, with a sample size of 10 grams and a distillation time of one hour and 15 minutes.
- [5] These constituents are not "underlying hazardous constituents" in characteristic wastes, according to the definition at 268.2(i).
- [6] Between August 26, 1997 and August 26, 1998, these constituents are not underlying hazardous constituents as defined at 268.2(i).

[59FR 47982,Sept.19,1994; 60 FR 242,Jan.3,1995; 61 FR 15566,Apr.08,1996; 61 FR]

I certify that the above is true and correct and that the submission of a false or misleading certification can lead to the possibility of fine common imprisonment.

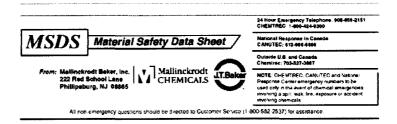
Generator Signature

5/13/2009

Date

ACETIC ANHYDRIDE Page 1 of 5

MSDS Number: A0338 * * * * * Effective Date: 05/19/08 * * * * * Supercedes: 08/18/05



ACETIC ANHYDRIDE

1. Product Identification

Synonyms: Acetyl oxide; Acetic acid anhydride; Acetic oxide; Ethanoic anhydride

CAS No.: 108-24-7 Molecular Weight: 102.09 Chemical Formula: (CH3CO)2O

Product Codes: J.T. Baker: 0018 Mallinckrodt: 2420

2. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
Acetic Anhydride	108-24-7	97 - 100%	Yes

3. Hazards Identification

Emergency Overview

DANGER! CORROSIVE. CAUSES BURNS TO ANY AREA OF CONTACT. FLAMMABLE LIQUID AND VAPOR. WATER REACTIVE. HARMFUL IF SWALLOWED OR INHALED. VAPOR CAUSES RESPIRATORY TRACT IRRITATION AND SEVERE EYE IRRITATION.

SAF-T-DATA^(tm) Ratings (Provided here for your convenience)

Health Rating: 3 - Severe Flammability Rating: 2 - Moderate Reactivity Rating: 2 - Moderate Contact Rating: 4 - Extreme (Corrosive)

Lab Protective Equip: GOGGLES & SHIELD; LAB COAT & APRON; VENT HOOD; PROPER GLOVES; CLASS B EXTINGUISHER

Storage Color Code: Red Stripe (Store Separately)

Potential Health Effects

Inhalation:

Vapors are corrosive to the mucous membranes of the upper respiratory tract. Exposure to vapors may cause irritation of the nose, throat, and coughing. Exposure to high concentrations may result in severe damage to the lungs. Symptoms of lung edema are often delayed and are aggravated by physical effort.

Ingestion:

Corrosive. Causes a burning pain in the stomach, followed by nausea and vomiting

Skin Contact:

Corrosive: Does not cause severe burning on contact but can cause delayed reaction burns. If not removed by washing, the skin may become reddened and later turn white and wrinkled. Continued skin contact may cause dermatitis.

Eye Contact:

Corrosive: Contact with the liquid or vapor may produce a burning sensation and tearing. Redness, pain and blurred vision may be followed by permanent eye damage. The appearance of eye burns may be delayed. Irritation effects begin with airborne concentrations as low as 0.36 mg/m3.

Chronic Exposure:

Repeated and prolonged exposure to vapor may cause irritation of the skin and chronic eye irritation.

Aggravation of Pre-existing Conditions:

Persons with pre-existing skin disorders or eye problems, or impaired respiratory function may be more susceptible to the effects of the substance.

4. First Aid Measures

Inhalation:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately. Ingestion:

If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention immediately

Skin Contact:

Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

5. Fire Fighting Measures

Fire:

Flash point: 49C (120F) CC

Autoignition temperature: 316C (601F) Flammable limits in air % by volume:

lel: 2.7; uel: 10.3 Flammable.

Explosion:

Above flash point, vapor-air mixtures are explosive within flammable limits noted above. Sealed containers may rupture when heated. Vapors can flow along surfaces to distant ignition source and flash back. A violent exothermic reaction occurs with water. Sufficient heat may be produced to ignite combustible materials. Sensitive to static discharge.

Fire Extinguishing Media:

Water spray, dry chemical, alcohol foam, or carbon dioxide. Use water with caution as material reacts with water. Special Information:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. Use water spray to blanket fire, cool fire exposed containers, and to flush non-ignited spills or vapors away from fire.

6. Accidental Release Measures

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Water spray may be used to disperse vapors and dilute spills to nonflammable mixtures, but be aware of the potential for violent reaction with water. Neutralize with soda ash or lime. Contain and recover liquid when possible. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer! US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802.

7. Handling and Storage

Protect against physical damage. Store in a cool, dry well-ventilated location, away from any area where the fire hazard may be acute. Outside or detached storage is preferred. Separate from incompatibles. Containers should be bonded and grounded for transfers to avoid static sparks. Storage and use areas should be No Smoking areas. Use non-sparking type tools and equipment, including explosion proof ventilation. Keep away from water. This material is corrosive to steel, galvanized iron, copper and copper alloys. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

8. Exposure Controls/Personal Protection

Airborne Exposure Limits:

-OSHA Permissible Exposure Limit (PEL):

5 ppm (TWA)

-ACGIH Threshold Limit Value (TLV):

5 ppm (TWA);

-NIOSH Recommended Exposure Limit (REL):

5 ppm (Ceiling)

Ventilation System:

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

Personal Respirators (NIOSH Approved):

If the exposure limit is exceeded and engineering controls are not feasible, a full facepiece respirator with organic vapor cartridge may be worn up to 50 times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. For emergencies or instances where the exposure levels are not known, use a full-facepiece positive-pressure, air-supplied respirator. WARNING: Air purifying respirators do not protect workers in oxygen-deficient atmospheres.

Skin Protection:

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Rubber and neoprene are recommended materials for personal protective equipment.

Eye Protection:

Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

ACETIC ANHYDRIDE Page 3 of 5

9. Physical and Chemical Properties

Appearance: Clear, colorless liquid. Odor: Strong acetic odor; good warning properties. Solubility: Slowly soluble in water (reacts) Specific Gravity: 1.08 @ 15C/4C pH: No information found. % Volatiles by volume @ 21C (70F): 100 **Boiling Point:** 140C (284F) **Melting Point:** -73C (-99F) Vapor Density (Air=1): Vapor Pressure (mm Hg): 4 @ 20C (68F) Evaporation Rate (BuAc=1):

10. Stability and Reactivity

Stability:

Stable under ordinary conditions of use and storage. Heat will contribute to instability.

Hazardous Decomposition Products:

When heated to decomposition, it emits toxic fumes such as acetic acid and carbon monoxide. Reacts violently with water to yield acetic acid and much heat. Hazardous Polymerization:

Will not occur.

Incompatibilities:

Water, steam, mineral acids, oxidizing materials, alcohols, or amines may cause violent reaction. Contact with strong caustics will cause violent reaction and spattering. Corrosive to copper, brass, bronze, and iron.

Conditions to Avoid:

Heat, flames, ignition sources, water and incompatibles.

11. Toxicological Information

Oral rat LD50: 1780 mg/Kg; inhalation rat LC50: 1000 ppm/4-hour; skin rabbit LD50 4 mL/kg; Irritation data: Skin rabbit, Open Draize, 10 mg/24H mild; Eye rabbit, Open Draize, 250 ug severe

\Cancer Lists\			
• • • • • • • • • • • • • • • • • • • •	NTP	Carcinogen	
Ingredient	Known	Anticipated	IARC Category
Acetic Anhydride (108-24-7)	No	No	None

12. Ecological Information

Environmental Fate:

When released into the soil, this material is expected to leach into groundwater. When released to water, this material is expected to react and form acetic acid. This material is not expected to significantly bioaccumulate.

Environmental Toxicity:

No information found.

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport Information

Domestic (Land, D.O.T.)

Proper Shipping Name: ACETIC ANHYDRIDE

Hazard Class: 8, 3 UN/NA: UN1715 Packing Group: II

Information reported for product/size: 40LB

International (Water, I.M.O.)

Proper Shipping Name: ACETIC ANHYDRIDE Hazard Class: 8, 3 UN/NA: UN1715 Packing Group: II Information reported for product/size: 40LB

International (Air, I.C.A.O.)

Proper Shipping Name: ACETIC ANHYDRIDE Hazard Class: 8, 3 UN/NA: UN1715 Packing Group: II Information reported for product/size: 40LB

15. Regulatory Information

Yes	Yes 	Yes	Yes
Korea	Ca		
		NDSL	Phil.
Yes		No	
TPQ	Lis	st Che	mical Cate
LA	261.33	3 8	(d)
	A 302- TPQ No ions -	A 302- TPQ Lis No No ions - Part : -RCRA- LA 261.3:	ions - Part 1\ A 302SAR TPQ List Che No No ions - Part 2\

(Pure / Liquid) Reactivity: Yes

Australian Hazchem Code: 2P Poison Schedule: S6 WHMIS:

This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

16. Other Information

NFPA Ratings: Health: 3 Flammability: 2 Reactivity: 1
Label Hazard Warning:
DANGER! CORROSIVE. CAUSES BURNS TO ANY AREA OF CONTACT. FLAMMABLE LIQUID AND VAPOR. WATER REACTIVE. HARMFUL IF SWALLOWED OR INHALED. VAPOR CAUSES RESPIRATORY TRACT IRRITATION AND SEVERE EYE IRRITATION.

Label Precautions:

Do not get in eyes, on skin, or on clothing

Do not contact with water. Do not breathe vapor. Keep container closed. Use only with adequate ventilation.

Wash thoroughly after handling. Keep away from heat, sparks and flame.

Label First Aid:

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. In all cases get medical attention immediately.

Product Use:

Laboratory Reagent.

Revision Information:

No Changes

Disclaimer:

Mallinckrodt Baker, Inc. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy.

ACETIC ANHYDRIDE Page 5 of 5

This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. MALLINCKRODT BAKER, INC. MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS. ACCORDINGLY, MALLINCKRODT BAKER, INC. WILL NOT BE RESPONSIBLE FOR DAMAGES RESULTING FROM USE OF OR RELIANCE UPON THIS INFORMATION.

Prepared by: Environmental Health & Safety Phone Number: (314) 654-1600 (U.S.A.)

Al Longoria

From:

Kevin Wittmer [KWITTMER@usecology.com]

Sent:

Friday, April 24, 2009 7:46 AM

To:

Al Longoria

Cc:

Nicole Schmalstieg

Subject:

RE: Quote for non bulk materials

AI.

Thank you for the opportunity. We can receive all of these drums at US Ecology Texas. Based on the information provided we will be able to dispose of everything at Robstown except the Triethylamine. This will need to be sent off-site for disposal. We will need completed profiles and it is the responsibility of the generator to properly characterize their waste but I have priced the drums based on what I can tell from the MSDS'. Please see below and call with questions.

Thanks, Kevin **US Ecology** (800) 955-3265

----**From:** Al Longoria [mailto:alongoria@cesenvironmental.com]

Sent: Thursday, April 23, 2009 10:44 AM

To: Nicole Schmalstieg

Subject: Ouote for non bulk materials

Nicole.

Would you look over these MSDS and let me know if you can take the material and pricing please?

> D003

Here are the approximate volumes of each:

Triethylething - 4 drums a quarter

surcharge

Morpholine – 1 drum a quarter

CIP 100 – 1 drum a quarter.

RCRA - D002

MSDS says DOT corrosive but I do not know if it is

\$200.00/drum blus 10% energy

100

If D002 - \$125.00/drum plus 10% and \$8.00/ton tax If non-hazardous \$60.00/drum plus 10% and \$6.00/ton tax

r∕Para nitro phenyl chloroformate - 38 drums a quarter. Non-Hazardous Solid

\$40.00/drum plus 10% and \$6.00/ton tax

D002

\$125.00/drum plus 10% and \$8.00/ton tax

Thank you,

Al Longoria

CES Environmental Services, Inc.

Direct: (713) 800-7911 Cell: (713) 410-7789 Fax: (713) 748-8664

CES Environmental.com

Al Longoria

Terrere Juca-

From:

Chauncey, James R [Jim.Chauncey@safety-kleen.com]

Sent:

Friday, April 24, 2009 11:40 AM

To:

Al Longoria

Subject:

RE: Quote for non bulk materials

Αl,

Thanks for the opportunity to give you pricing... Please see the prices listed below on your emails along with an SK technology code that I have concluded. The pricing below is not final until we can get an SK profile completed, signed, and approved. Final pricing and quote can then be obtained. Hope this helps...

Jim Chauncey

Key Account Manager - Denton RC

Safety-Kleen Systems, Inc. 1722 Cooper Creek Road Denton, TX 76208 Office - 940-483-5253 Cell - 940-230-5995 Fax - 940-483-5258



From: Al Longoria [mailto:alongoria@cesenvironmental.com]

Sent: Thursday, April 23, 2009 10:45 AM

To: Chauncey, James R

Subject: Quote for non bulk materials

Jim,

Would you look over these MSDS and let me know if you can take the material and pricing please?

Here are the approximate volumes of each:

Di butyl ether - 5 drums a quarter. - FBLQ = \$33.00 Isopropyl ether - 1 drum a quarter. - IRRL = \$580.00 Telethylamine - 4 drums a quarter. - IRRL = \$580.00 Isopropyl alcohol - 3 drums a quarter - FBLQ = \$33.00 Acetic anhydrate - 9 drums a quarter - IRRS - \$30.00

Thank you,

Al Longoria

CES Environmental Services, Inc.

Direct: (713) 800-7911 Cell: (713) 410-7789 Fax: (713) 748-8664 CES Environmental.com

Al Longoria

From:

Tiffany Skidmore [tskidmore@texasmolecular.com]

Sent:

Thursday, April 23, 2009 3:53 PM

To:

Al Longoria

Subject:

FW: Quote for non bulk materials

Attachments:

Acetic anhydride.pdf; CIP 100.pdf; morpholin.pdf; n-butyl ether.pdf; Triethylamine.pdf

Please see below...

Thank you,

Tiffany Skidmore

TM Deer Park Services, LP 2525 Independence Parkway South Deer Park, TX 77536 Phone: 281-930-2537

Phone: 281-930-2537 Fax: 281-930-2535

Scheduling: 281-930-2540

**PLEASE NOTE: OUR STREET ADDRESS HAS CHANGED - PLEASE UPDATE YOUR RECORDS WITH THIS

INFORMATION**

From: Al Longoria [mailto:alongoria@cesenvironmental.com]

Sent: Thursday, April 23, 2009 11:05 AM

To: Tiffany Skidmore

Subject: Quote for non bulk materials

Tiffany,

Would you look over these MSDS and let me know if you can take the material and pricing please?

Here are the approximate volumes of each:

Di butyl ether - 5 drums a quarter – how old is this material, has it been opened, and how has it been stored? Has this material be checked for peroxides? We're going to be extremely particular about this stream because of its potential to form peroxides.

Triethylamine – 4 drums a quarter – \$95 / 55 gl drum (you'll probably get a better rate at a fuel blender)

Acetic anhydride - 9 drums a quarter - if in liquid form -estimated cost would be \$225/55 gl drum.

CARTINO DE DE AUDITOR DE LA COMPANIO DE STIMO DE LA COMPANIO DE STATO DE CARTINO DE LA COMPANIO DE CARTINO DE

Thank you,

Al Longoria

CES Environmental Services. Inc.

Direct: (713) 800-7911 Cell: (713) 410-7789

Making Sodium Azide. Making 50 batch

	Was	ste#	row	atch (kg)	Quantity/ month (MT)	Qty/year (MT)	Compounds	Moles	Compounds Qties/batch (kg)	w/w %	
•	Organic						Ethanol		500		
Green?	waste # 1	OW 1	79	2561	35.9	256	Heptane		1961	76.6%	
ے شمویہ	Wasien		'	1!	l		Water		100	3.9%	1 /
(R)	^a-ia						Toluene		1749	94.6%	1/
- J	Organic	OW 2	!	1849	25.9	185	Heptane		206		4 /
Ч	waste # 2		1 '	1	İ			OMSO	100		
}			\vdash				Ethyl Acetate			94 83.0%	
<u></u>	Organic	OW 3	268	3521	49.3	352	DMSO	1		3. 214.2%	1\
	waste # 3		1 /	40 kgal	1	_	Water	†	100		
	7 2 10	_	+			 	DMSO	-	100		4 (
16	(0.06/dv	þ }	'		1		Di-Isoprpyl ether		388	8.1%	
	Enosia-	'	'	1 1	1		Impurities express	 	300	0.170	1 \
	Organic		1	1 1	ĺ		in EEC azido			1 00/	/ \
	waste # 4	OW 4	380	4785	67.0	479		 	89	1.9%	1 \
Ī	waste # 4		1 !	1 1	1		acetamide	 	070	7.00	1
			1 1	1, 1	1		Ethyl acetate	 	378	7.9%	4 /
			'	GUKG	e l		Di Butyl Ether	 	3731	78.0%	4 /
25/5M	ļ		igspace		<u> </u>	Ļ	Water		100	2.1%	ν
Dilcad &			!		1		NaCl	9264	542	5.0%	4
195 Sus.)	!		!	1 1	i	}	NH₄OH	2689	94	0.9%	ĺ
0.25/30/4 1/5/2004 8 1/5/2004 1/5/2004 20:35-0.40	_Aqueous waste #1	WW 1	102	10824	151.5	1082	Impurities (express in EEC-epoxide)	299	76	0.7%	GC.
(PCCO) Dito	(lia)	ŀ	1	1 !	1		Ethanol	·	1500	13.9%	i
20.35	l' ¹		1	1 1	1		Water	1	8612	79.6%	
	-		┼──┤				NaCi	 	262	2.6%	4.
0.30/Sal	i	Í	'	1 1	1		Impurities (express	1	202	2.070	1 /
450/lepas	Aqueous		1 1	1	1		in EEC-Azido		89	0.9%	1 (
50/5 19 1 2 13 13 13 13 13 13 13 13 13 13 13 13 13	waste # 2	WW 2	245	10085	141187.3	1008	Amine)	i	03	U.3 /0	> (25
12001	Wasie # 2			1	1. '	į .	DMSO	 	2531	25 194	4
P 4 7	1 1		1	139K ga	V		Water	 	7203	25.1%	
MA convert	 		 							71.4%	
-37	i			1 1	l '		NaCl	 	365	10.1%	1
D2025.	A = 1.5 2 110			1 1	I '		Impurities (express				1,,
	Aqueous	WW 3	283	3625	50752.6	363	in EEC-Azido]]	89	2.4%	146
	waste # 3			i 1	1	}	Amine)			L	l .
	1 [1 1	i '	1	Ethyl Acetate		50		
	<u> </u>		<u> </u>			<u> </u>	Water	<u> </u>	3121	86.1%	
	Aqueous			$\overline{}$	'		Di-Butyl Ether		20		多好
	waste # 4	WW 4	326	2443	34198.1	244	TPPO*		79		13
	Wasie ii -			L	l'		Water		2344	95.9%	1
	scrubber			1			NaCl		400	2 794	1
	stream	LAGAIC		1 40942	4540	4004	i e			†	_
	treatment	WW5	N/A	10843	151.8	1084	NaNO ₂	ļ ļ	200	1.8%	40
	& cleaning]]	ı 1	l ']	Water		10243	94.5%	l .
\Box	Solid		 	 			TPPO*	 	711	83.5%	\Box
\$ }	waste # 1	SW 1	300	851	11912.3	85	DiButyl Ether		140	16.5%	
* /!			┼─┤				<u> </u>				
U	Solid	SW 2	339	24	342.1	2	Arbocel (filter aid)		19		1 (25
`1	waste # 2	-	1000,	, <u>-</u> ,	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	_	Dibutyl Ether		5	20.5%	U

TPPO: Triphenyl Phosphine oxide

51619

Joy Baker

From:

Smith, Ron E [Ron.Smith@ZambonGroup.com]

Sent:

Wednesday, May 06, 2009 5:25 PM

To:

Joy Baker

Subject:

FW: azide : waste cost

See request posed to me, now made to you.

Ron Smith

EHS

From: Edern, Andre

Sent: Wednesday, May 06, 2009 5:04 PM

To: Smith, Ron E

Subject: azide : waste cost

Ron,

Could you update these costs with CES

11/28/06 CES

water and DMSO #

\$17,935.11 Azide organic wastes

12/11/06 CES

ETOac and Heptane

\$2,210.00 Azide organic wastes

I just have some global cost, I don't know if it is for 1 or multi trailer ??? Ask them cost per gallon or any unit you want

Andre

Material	Quantity	Disposal	Туре	Profile number
				? Not sure what
				to do the MSDS is
SCA-NCA,	22- 55 gallon drums	CES	class 2 solids	inconclusive
CDI		CES	class 2 solids	3289
		Rineco		need waste code
(PCI		from ron. Profile
		1 10		is signed and
× D				completed in
PNPCF	38-25 kg poly drums	TECO	D003, D002??	folder
		tough one: try		submitted to tm
		everyone (including		
Acetic Anhydride. 99%:	9 Poly drums (55 gal)	TM)	D001, D002, D003	
				need MSDS from
Virtex-D, sodium dithionite blend:	7 drums (20 gal drums)	need MSDS		ron
				profile was sent
				back to ron. There
	♥			was no signature
N-butyl ether (NBE):	4 drums (metal, 55 gal)	TM, Fuels Blenders	D001	
/	3 full metal drums and one 2/3			submitted to tm
Triethylamine	full drums	need MSDS		
				Need profile
a hour	¹ _			written. MSDS is
/ morp	<i>7</i> 7			attached in email
Lupragen N105(N-methylmorpholin:)	2 metal drum (55 gal)	need MSDS		
				need MSDS from
Ferro-1,4-dioxane 25ppm:	3 metal drums (55 gal)	need MSDS		ron
				3302
ammonium chloride	2450 pounds in 50 pound bags.	CES	class 2 solids	
				profile was sent
				back to ron. There
./				was no signature
Isopropyl alcohol, 99% anhydrous.	3 drums -355 pounds each	Fuels Blend	D001	
		CES	product	
potassium carbonate	4- 53 pound bags	CES	class 2 solids	3303
potassium carbonate	1-25 kg poly drum	CES	class 2 solids	3303

EPAHO082001650

wateriai	Qualitity	Disposai	Type	Profile number
				? Not sure what
	ł			to do the MSDS is
SCA-NCA,	22- 55 gallon drums	CES	class 2 solids	inconclusive
CDI	5-25 kg poly drums	CES	class 2 solids	3289
				need waste code
0118407 9 4				from ron. Profile
				is signed and
		1		completed in
PNPCF	38-25 kg poly drums	TECO	D003, D002??	folder
		tough one: try		submitted to tm
		everyone (including		no sale
Acetic Anhydride. 99%:	9 Poly drums (55 gal)	TM)	D001, D002, D003	1
				need MSDS from
Virtex-D, sodium dithionite blend:	7 drums (20 gal drums)	need MSDS		ron 🗸
				profile was sent
				back to ron. There
		İ		was no signature
N-butyl ether (NBE):	4 drums (metal, 55 gal)	TM, Fuels Blenders	D001	
	3 full metal drums and one 2/3			submitted to tm
Nethylamine	full drums	need MSDS		
	• .			Need profile
	,			written. MSDS is
				attached in email
upragen N105-N-methylmorpholin:	2 metal drum (55 gal)	need MSDS		
				need MSDS from
Ferro-1,4-dioxane 25ppm:	3 metal drums (55 gal)	need MSDS		ron 🗸
				3302
mmonium chloride	2450 pounds in 50 pound bags.	CES	class 2 solids	
				profile was sent
				back to ron. There
	ļ			was no signature
sopropyl alcohol, 99% anhydrous.	3 drums -355 pounds each	Fuels Blend	D001	-
		CES	product	
ootassium carbonate	4- 53 pound bags	CES	class 2 solids	3303
ootassium carbonate	1-25 kg poly drum	CES	class 2 solids	3303

Disposal

Type

Profile number

Quantity

Material

			İ	profile was sent
				back to ron. There
 isopropyl ether	1 drum (55 gal, metal)	TM, Fuels Blenders	D001	was no signature
				profile was
				originally written
			100000	as a class 2 non
	,	A A	Now US	haz solid. Ron
		me" lans a	150 × 8	added tolvene so
	'	Blende	ALAN ON	i t is not \$00 1.
envelska,		Con PS MILE	200	signed profile is in
100		200	8,18	folder/but will
		S ON 1	700	need/to find a \\\\\\\\\
,,,,		1 × ~ whe co	\ /	home for it.
I-tert-leucine,	1 drum (30 gal, fiberboard)	Blenders &	class	
UNZO54, murpholine,				publifica to teco N 2
N-(2-Aminoethyl)morpholin	1 drum	TECO & TM	D002	04-006-5229
				attached email of
	lon re			all of our current
	25 Nolon profile	do we already have a		profiles with PSC.
	IXL 1	profile for this? This		Not sure who we
	960 1 800 33	may be profiled with		would write a
	1 July 12	Zach to Phillips. If not		secondary profile
· · · · · · · · · · · · · · · · · ·	(b, 0)	Jan. 2001., 110 11000		to.
Pirfinidone mother liquor	8 drums	MSDS or profile		
0 1 1 1 1				need waste code
0117106H				from ron. Profile
				is signed and
CID 100	2/3 of 1 drum	TECO & TM	D002	completed in
CIP 100	2/3 0/1 druin	TLCO & TIVI		folder Need profile
			/	Need profile written. MSDS is
	}			attached in email
Methane Sulfonic Acid, anhydrous	2 drums	PACES??	BOL - feedstock?	attached in enian
inclinate sunstine ricia, anniquious —	2 3 3 3 3 3	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	DOL ICCUSIOCK:	need profile
		fuels blender	D002	written.
activated carbon	15 bags, 50 pound bags	CES	product	3300
	750 kg, in poly bags in cubic			3290
Z-valine	yard box	CES	class 2 solids	ı

MATERIAL SAFETY DATA SHEET

Date Printed: 04/28/2008 Date Updated: 02/05/2006

Version 1.4

Section 1 - Product and Company Information

Product Name

4-METHYLMORPHOLINE, REAGENTPLUS, 99

Product Number

M56557

Brand

SIAL

Company Address Sigma-Aldrich

3050 Spruce Street

SAINT LOUIS MO 63103 US

Technical Phone:

800-325-5832

Fax:

800-325-5052

Emergency Phone:

314-776-6555

Section 2 - Composition/Information on Ingredient

Substance Name

4-METHYLMORPHOLINE

CAS #

SARA 313

No

109-02-4

Formula

C5H11NO

Synonyms

4-Methylmorfolin (Czech) * N-Methylmorpholine *

4-Methylmorpholine * Morpholine, N-methyl-

RTECS Number:

QE5775000

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Flammable (USA) Highly Flammable (EU). Corrosive.

Highly flammable. Harmful by inhalation, in contact with skin and if swallowed. Causes burns.

HMIS RATING

HEALTH: 3

FLAMMABILITY: 3
REACTIVITY: 0

NFPA RATING

HEALTH: 3

FLAMMABILITY: 3
REACTIVITY: 0

For additional information on toxicity, please refer to Section 11.

Section 4 - First Aid Measures

ORAL EXPOSURE

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

INHALATION EXPOSURE

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

DERMAL EXPOSURE

In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

EYE EXPOSURE

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Section 5 - Fire Fighting Measures

FLAMMABLE HAZARDS

Flammable Hazards: Yes

EXPLOSION HAZARDS

Vapor may travel considerable distance to source of ignition and flash back. Container explosion can occur under fire conditions. In advanced or massive fires the area should be evacuated and the fire should be fought from a remote explosion-resistant location. Forms explosive mixtures in air.

FLASH POINT

57.2 °F 14 °C Method: closed cup

EXPLOSION LIMITS

Lower: 3 %

AUTOIGNITION TEMP

165 °C

FLAMMABILITY

N/A

EXTINGUISHING MEDIA

Suitable: For small (incipient) fires, use media such as "alcohol" foam, dry chemical, or carbon dioxide. For large fires, apply water from as far as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water.

FIREFIGHTING

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Specific Hazard(s): Flammable liquid. Emits toxic fumes under fire conditions.

Section 6 - Accidental Release Measures

PROCEDURE TO BE FOLLOWED IN CASE OF LEAK OR SPILL Evacuate area. Shut off all sources of ignition.

PROCEDURE(S) OF PERSONAL PRECAUTION(S)

Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.

METHODS FOR CLEANING UP

Cover with dry-lime, sand, or soda ash. Place in covered containers using non-sparking tools and transport outdoors. Ventilate area and wash spill site after material pickup is complete.

HANDLING

User Exposure: Do not breathe vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

Suitable: Keep container closed. Keep away from heat, sparks, and open flame. Store in a cool dry place. Handle and store under nitrogen.

Section 8 - Exposure Controls / PPE

ENGINEERING CONTROLS

Safety shower and eye bath. Use nonsparking tools. Use only in a chemical fume hood.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Hand: Compatible chemical-resistant gloves.

Eye: Chemical safety goggles.

Other: Faceshield (8-inch minimum).

GENERAL HYGIENE MEASURES

Wash thoroughly after handling. Discard contaminated shoes. Wash contaminated clothing before reuse.

EXPOSURE LIMITS

Country	Source	Type	Value
Poland		NDS	15 MG/M3
Poland		NDSCh	30 MG/M3
Poland		NDSP	_

Section 9 - Physical/Chemical Properties

Appearance	Physical State: Clear liquid Color: Colorless				
Property	Value	At Temperature or Pressure			
Molecular Weight pH	101.15 AMU 10.6	20 °C Concentration: 50 g/l			
BP/BP Range MP/MP Range Freezing Point	113.0 - 116.0 °C - 66.0 °C N/A				
Vapor Pressure Vapor Density Saturated Vapor Conc. SG/Density Bulk Density Odor Threshold Volatile% VOC Content Water Content	22.5 mmHg > 1 g/l N/A 0.92 g/cm3 N/A N/A N/A N/A	20 °C			
Solvent Content	N/A				

N/AEvaporation Rate

< 0.001 Pas 20 °C Viscosity

Surface Tension

N/A

Partition Coefficient Log Kow: - 0.320

Decomposition Temp. N/A

Flash Point 57.2 °F 14 °C Method: closed cup

Explosion Limits Lower: 3 %

Flammability N/A165 °C Autoignition Temp Refractive Index 1,435 Optical Rotation N/AMiscellaneous Data N/A

Solubility Solubility in Water: Miscible.

N/A = not available

Section 10 - Stability and Reactivity

STABILITY

Stable: Stable.

Materials to Avoid: Acids, Acid chlorides, Acid anhydrides, Strong oxidizing agents Carbon dioxide.

HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide, Nitrogen oxides.

HAZARDOUS POLYMERIZATION

Hazardous Polymerization: Will not occur

Section 11 - Toxicological Information

ROUTE OF EXPOSURE

Skin Contact: Causes burns.

Skin Absorption: Harmful if absorbed through skin.

Eye Contact: Causes burns.

Inhalation: Harmful if inhaled. Material is extremely

destructive to the tissue of the mucous membranes and upper

respiratory tract.

Ingestion: Harmful if swallowed.

SIGNS AND SYMPTOMS OF EXPOSURE

Inhalation may result in spasm, inflammation and edema of the larynxand bronchi, chemical pneumonitis, and pulmonary edema. Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin. Symptoms of exposure may include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea, and vomiting. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

TOXICITY DATA

Skin

Rabbit

1,240 mg/kg

LD50

Oral

Rat

1960 mg/kg

LD50

```
Skin
   Rat.
  1820 mg/kg
  LD50
   Remarks: Skin and Appendages: Skin: After systemic exposure:
   Dermatitis, other
   Oral
   Mouse
  1970 mg/kg
   LD50
   Inhalation
   Mouse
   25,200 mg/m3
   LC50
   Skin
   Rabbit
   1350 UL/KG
   LD50
   Oral
   Mammal
   1917 mg/kg
   LD50
IRRITATION DATA
   Skin
   Rabbit
   460 mg
   Remarks: Open irritation test
   Eyes
   Rabbit
   0.92 \text{ mg}
   Remarks: Severe irritation effect
   Eyes
   Rabbit
   20 mg
   24H
   Remarks: Mild irritation effect
CHRONIC EXPOSURE - TERATOGEN
   Species: Rat
   Dose: 9 GM/KG
   Route of Application: Oral
   Exposure Time: (6-15D PREG)
   Result: Specific Developmental Abnormalities: Central nervous
   system. Specific Developmental Abnormalities: Craniofacial
   (including nose and tongue). Specific Developmental
   Abnormalities: Musculoskeletal system.
Section 12 - Ecological Information
No data available.
Section 13 - Disposal Considerations
```

5

APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION Contact a licensed professional waste disposal service to dispose of this material. Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Observe all federal, state, and local environmental regulations.

Section 14 - Transport Information

DOT

Proper Shipping Name: 4-Methylmorpholine [or]

n-methylmorpholine

UN#: 2535 Class: 3

Packing Group: Packing Group II Hazard Label: Flammable liquid

Hazard Label: Corrosive

PIH: Not PIH

IATA

Proper Shipping Name: 4-Methylmorpholine

IATA UN Number: 2535

Hazard Class: 3 Packing Group: II

Section 15 - Regulatory Information

EU ADDITIONAL CLASSIFICATION

Symbol of Danger: F-C

Indication of Danger: Highly Flammable. Corrosive.

R: 11-20/21/22-34

Risk Statements: Highly flammable. Harmful by inhalation, in contact with skin and if swallowed. Causes burns.

S: 16-26-36/37/39-45

Safety Statements: Keep away from sources of ignition - no smoking. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves, and eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

US CLASSIFICATION AND LABEL TEXT

Indication of Danger: Flammable (USA) Highly Flammable (EU). Corrosive.

Risk Statements: Highly flammable. Harmful by inhalation, in contact with skin and if swallowed. Causes burns. Safety Statements: Keep away from sources of ignition - no smoking. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves, and eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

UNITED STATES REGULATORY INFORMATION

SARA LISTED: No

TSCA INVENTORY ITEM: Yes

CANADA REGULATORY INFORMATION

WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

DSL: Yes

Section 16 - Other Information

DISCLAIMER

For R&D use only. Not for drug, household or other uses.

WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Inc., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale. Copyright 2008 Sigma-Aldrich Co. License granted to make unlimited paper copies for internal use only.

Updated ...



Zach Cicanos in

MATERIA DESC. LOT D WISE D LOCATION GROUP NO CONTAINER CONT ATT UC	M ax
CDI - Carbonyl Dlimidazole Total	72.1
/ Isopropanol Total	531
✓ Heptane Total C: t →	359.3
Z-Valine Total	749.1
4-Nitrophenyl Chloroformate Total	1076
✓ Triethylamine Total	599
√ Imidazole Total	2400
√ Tributylamine Total	6891
SCA-NCA Total	2148.6
N-Methyl Morpholine Total	250
Ory Sodium Hydrosulfite (88%) Total	756
Z-L-Valine-NCA Total	312.6
Acetic Anhydride Total	1973
Bernhard XX Multilayer bag Fotal	876
Potassium Carbonate Total	153.2
CIP-100 Cleaning Solution (Steris)	214.5
11-Dioxane Total	575.7
√4-(2-aminoethyl)-morpholine Total	180
parco G-60 Total - a chivatel curbon	273
√Di-Butyl Ether Total	391.2
√Di-Isopropyl Ether Total	149.7
Ammonium Chloride- <technical></technical>	6589.2
/Lytert-Leucine Total	31
✓Dicyclohexylamine Total	75
Grand Total	27626.2

037	CDI - Carbonyl	2-0803-9412-	OLO SUID	SECUP SHOULD	STATE OF THE PROPERTY OF THE P		Lick GG	13.7 0536512	
037	Diimidazole	00	WAREHOUS E	ANY	0 QUARANTIN ED	SAMPLED	KLG	13.7 0536512	D
037	CDI - Carbonyl Diimidazole	2-0607-0503- 00	OLD SHIP WAREHOUS E	ANY	0 FULL RELEASE	AVAILABLE	KLG	13.1 0426326	D
037	CDI - Carbonyl Diimidazole	2-0511-6202- 00	OLD SHIP WAREHOUS E	ANY	0 QUARANTIN ED	EXPIRED	KLG	12.2 0383581	D
037	CDI - Carbonyl Diimidazole	2-0511-5857- 00		ANY	0 QUARANTIN ED	EXPIRED	KLG	18.1 0380328	D
037	CDI - Carbonyl Diimidazole	2-0511-5856- 00		ANY	0 FULL RELEASE	AVAILABLE	KLG	15 0379850	D
	CDI - Carbonyl		L .					72.1	
045	Isopropanol	2-0407-7174- 00	LPE FLAMMABL E	H-2-4	0 REJECTED	TO BE DESTROYE D	KLG	177 0385996	D
045	Isopropanol	2-0407-7174- 00		H-2-4	0 REJECTED	TO BE DESTROYE D	KLG	177 0385997	D
045	Isopropanol	2-0407-7174- 00		H-2-4	0 REJECTED		KLG	177 0385998	D
	Isopropanol Total		E			ט		531	
048	Heptane	2-0705-5585- 00	LPE FLAMMABL E	H-2-6	0 FULL RELEASE	AVAILABLE	LTR	359.3 0502078	D
	Heptane Total		_					359.3	
055	Z-Valine	2-0608-0889- 00	LPE WAREHOUS E	F-1-8	0 REJECTED	TO BE REWORKED	KLG	225 0525103	D
055	Z-Valine	2-0710-7953- 00	LPE WAREHOUS E	F-1-1	0 REJECTED	TO BE REWORKED	KLG	5.9 0526881	D
055	Z-Valine	2-0801-9141- 00	LPE WAREHOUS E	F-1-1	0 QA HOLD	DO NOT USE	KLG	18.2 0533641	D
055	Z-Valine	2-0805-9734- 00	PHARMA WASTE PAD	ANY	0 REJECTED	TO BE DESTROYE D	KLG	500 0539140	D
	Z-Valine Total					-		749.1	
112	4-Nitrophenyl Chloroformate	2-0809-0010- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542124	D
112	4-Nitrophenyl Chloroformate	2-0809-0010- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542123	D
112	4-Nitrophenyl Chloroformate	2-0809-0010- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542125	D
112	4-Nitrophenyl Chloroformate	2-0809-0010- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542126	D
112	4-Nitrophenyl Chloroformate	2-0809-0010- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542127	D
112	4-Nitrophenyl Chloroformate	2-0809-0010- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542128	D
112	4-Nitrophenyl Chloroformate	2-0809-0010- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542129	D

112	4-Nitrophenyl Chloroformate	2-0809-0010- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542130	D
112	4-Nitrophenyl Chloroformate	2-0809-0010- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542131	D
112	4-Nitrophenyl Chloroformate	2-0809-0010- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542132	D
112	4-Nitrophenyl Chloroformate	2-0809-0010- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542133	D
112	4-Nitrophenyl Chloroformate	2-0809-0010- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542134	D
112	4-Nitrophenyl Chloroformate	2-0809-0010- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542135	D
112	4-Nitrophenyi Chloroformate	2-0809-0010- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542136	D
112	4-Nitrophenyl Chloroformate	2-0809-0010- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542137	D
112	4-Nitrophenyl Chloroformate	2-0809-0010- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542138	D
112	4-Nitrophenył Chloroformate	2-0809-0010- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542139	D
112	4-Nitrophenyl Chloroformate	2-0809-0010- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542140	D
112	4-Nitrophenyl Chloroformate	2-0809-0010- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542141	D
112	4-Nitrophenyl Chloroformate	2-0809-0010- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542142	D
112	4-Nitrophenyl Chloroformate	2-0809-0010- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	4.3 0542143	D
112	4-Nitrophenyl Chloroformate	2-0809-0011- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542144	D
112	4-Nitrophenyl Chloroformate	2-0809-0011- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542145	D
112	4-Nitrophenyl Chloroformate	2-0809-0011- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542146	D
112	4-Nitrophenyl Chloroformate	2-0809-0011- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542147	D
112	4-Nitrophenyl Chloroformate	2-0809-0011- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542148	D

112	4-Nitrophenyl Chloroformate	2-0809-0012- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	11.8 0542149	D
112	4-Nitrophenyl Chloroformate	2-0809-0013- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	3.9 0542150	D
112	4-Nitrophenyl Chloroformate	2-0809-0015- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542151	D
112	4-Nitrophenyl Chloroformate	2-0809-0015- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542152	D
112	4-Nitrophenyl Chloroformate	2-0809-0015- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542153	D
112	4-Nitrophenyl Chloroformate	2-0809-0015- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542154	D
112	4-Nitrophenyl Chloroformate	2-0809-0015- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542155	D
112	4-Nitrophenyl Chloroformate	2-0809-0015- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542156	D
112	4-Nitrophenyl Chloroformate	2-0809-0015- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542157	D
112	4-Nitrophenyl Chloroformate	2-0809-0015- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542158	D
112	4-Nitrophenyl Chloroformate	2-0809-0015- 00	REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542159	D
112	4-Nitrophenyl Chloroformate	2-0809-0015 00	- REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542160	D
112	4-Nitrophenyl Chloroformate	2-0809-0015 00	- REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542161	D
112	4-Nitrophenyl Chloroformate	2-0809-0015 00	- REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542162	D
112	4-Nitrophenyl Chloroformate	2-0809-0015- 00	- REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542163	D
112	4-Nitrophenyl Chloroformate	2-0809-0015 00	- REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542164	D
112	4-Nitrophenyl Chloroformate	2-0809-0015 00	- REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	25 0542165	D
112	4-Nitrophenyl Chloroformate	2-0809-0015 00		U61773	0 QUARANTIN ED		KLG	25 0542166	D
112	4-Nitrophenyl Chloroformate	2-0809-0017 00	- REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	17 0542167	D
112	4-Nitrophenyl Chloroformate	2-0809-0018 00	- REFER TRUCK LOT	U61773	0 QUARANTIN ED	TO BE SAMPLED	KLG	14 0542168	D

148	4-Nitrophenyl Triethylamine	2-0704-5100- 00	LPE FLAMMABL E	ANY	0 QUARANTIN ED	Use for TDF, fresh one if we restart	KLG 1	1076 149.75 0488951	D
148	Triethylamine	2-0704-5100- 00	LPE FLAMMABL E	ANY	0 QUARANTIN ED	Use for TDF, fresh one if we restart	KLG	149.75 0488952	D
148	Triethylamine	2-0704-5100- 00	LPE FLAMMABL E	ANY	0 QUARANTIN ED	Use for TDF, fresh one if we restart	KLG 1	149.75 0488953	D
148	Triethylamine	2-070 4 -5100- 00	LPE FLAMMABL E	ANY	0 QUARANTIN ED	Use for TDF, fresh one if we restart	KLG	149.75 0488954	D
208	Triethylamine Total Imidazole	2-0804-9576- 00	OLD SHIP WAREHOUS E	ANY	0 QUARANTIN ED	no usage	KLG	599 2400 0537713	D
	Imidazole Total							2400	
209	Tributylamine	2-0804-9584- 00	NORTH DRUM STORAGE	ANY	0 QUARANTIN ED	TO BE SAMPLED	KLG	6891 0537723	D
358	Tributylamine Total SCA-NCA	2-0512-6725- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	6891 14 0386914	D
358	SCA-NCA	2-0512-6725- 00		U61773	0 REJECTED	TO BE REWORKED	KLG	30 0386865	D
358	SCA-NCA	2-0512-6725- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0386866	D
358	SCA-NCA	2-0512-6725- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0386867	D
358	SCA-NCA	2-0512-6725- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0386868	D
358	SCA-NCA	2-0512-6725- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0386869	D
358	SCA-NCA	2-0512-6725- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0386870	D
358	SCA-NCA	2-0512-6725- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0386871	D
358	SCA-NCA	2-0512-6725- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0386872	D
358	SCA-NCA	2-0512-6725- 00	REFER TRUCK LOT		0 REJECTED	TO BE REWORKED	KLG	30 0386873	D
358	SCA-NCA	2-0512-6725- 00	REFER TRUCK LOT		0 REJECTED	TO BE REWORKED	KLG	30 0386874	D
358	SCA-NCA	2-0512-6725- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0386875	D
358	SCA-NCA	2-0512-6725- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0386876	D
358	SCA-NCA	2-0512-6725- 00	REFER TRUCK LOT		0 REJECTED	TO BE REWORKED	KLG	30 0386877	D
358	SCA-NCA	2-0512-6725- 00	REFER TRUCK LOT		0 REJECTED	TO BE REWORKED	KLG	30 0386878	D
358	SCA-NCA	2-0512-6725- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0386879	D
358	SCA-NCA	2-0512-6725- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0386880	D

3	358	SCA-NCA	2-0512-6725- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0386881	D
3	358	SCA-NCA	2-0512-6725- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0386882	D
3	358	SCA-NCA	2-0512-6725- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0386883	D
3	358	SCA-NCA	2-0512-6725- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0386884	D
3	358	SCA-NCA	2-0512-6725- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0386885	D
3	358	SCA-NCA	2-0512-6725- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0386886	D
;	358	SCA-NCA	2-0512-6725- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0386887	D
;	358	SCA-NCA	2-0512-6725- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0386888	D
;	358	SCA-NCA	2-0512-6784- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388536	D
;	358	SCA-NCA	2-0512-678 4 - 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388537	D
;	358	SCA-NCA	2-0512-6784- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388538	D
	358	SCA-NCA	2-0512-6784- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	4.6 0388539	D
;	358	SCA-NCA	2-0512-6784- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388513	D
:	358	SCA-NCA	2-0512-6784- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388514	D
;	358	SCA-NCA	2-0512-6784- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388515	D
	358	SCA-NCA	2-0512-6784- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388516	D
	358	SCA-NCA	2-0512-6784- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388517	D
	358	SCA-NCA	2-0512-6784- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388518	D
	358	SCA-NCA	2-0512-6784- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388519	D
	358	SCA-NCA	2-0512-6784- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388520	D
	358	SCA-NCA	2-0512-678 4 - 00	REFER TRUCK LOT		0 REJECTED	TO BE REWORKED	KLG	30 0388521	D
	358	SCA-NCA	2-0512-678 4 - 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388522	D
	358	SCA-NCA	2-0512-6784- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388523	D
	358	SCA-NCA	2-0512-6784- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388524	D
	358	SCA-NCA	2-0512-678 4 - 00	REFER TRUCK LOT		0 REJECTED	TO BE REWORKED	KLG	30 0388525	D
	358	SCA-NCA	2-0512-6784- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED		30 0388526	D

358	SCA-NCA	2-0512-678 4 - 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388527	D
358	SCA-NCA	2-0512-6784- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388528	a
358	SCA-NCA	2-0512-6784- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388529	D
358	SCA-NCA	2-0512-6784- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388530	D
358	SCA-NCA	2-0512-6784- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388531	D
358	SCA-NCA	2-0512-678 4 - 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388532	D
358	SCA-NCA	2-0512-6784- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388533	D
358	SCA-NCA	2-0512-6784- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388534	D
358	SCA-NCA	2-0512-6784- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388535	D
358	SCA-NCA	2-0512-6785- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388052	D
358	SCA-NCA	2-0512-6785- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388053	D
358	SCA-NCA	2-0512-6785- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388054	D
358	SCA-NCA	2-0512-6785- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388055	D
358	SCA-NCA	2-0512-6785- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388056	Ð
358	SCA-NCA	2-0512-6785- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388057	D
358	SCA-NCA	2-0512-6785- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388058	D
358	SCA-NCA	2-0512-6785- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388059	D
358	SCA-NCA	2-0512-6785- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388060	D
358	SCA-NCA	2-0512-6785- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388061	D
358	SCA-NCA		REFER TRUCK LOT		0 REJECTED	TO BE REWORKED	KLG	30 0388062	D
358	SCA-NCA	2-0512-6785- 00	REFER TRUCK LOT		0 REJECTED	TO BE REWORKED		30 0388063	D
358	SCA-NCA		REFER TRUCK LOT		0 REJECTED	TO BE REWORKED	KLG	30 0388064	D
358	SCA-NCA	2-0512-6785- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388065	D
358	SCA-NCA		REFER TRUCK LOT		0 REJECTED	TO BE REWORKED	KLG	30 0388066	D
358	SCA-NCA		REFER TRUCK LOT		0 REJECTED	TO BE REWORKED	KLG	30 0388067	D
358	SCA-NCA		REFER TRUCK LOT		0 REJECTED	TO BE REWORKED		30 0388068	D

358	SCA-NCA	2-0512-6785- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388069	D
358	SCA-NCA	2-0512-6785- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388070	D
358	SCA-NCA	2-0512-6785- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388071	D
358	SCA-NCA	2-0512-6785- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	30 0388072	D
	SCA-NCA Total							2148.6	
378	N-Methyl Morpholine	2-0602-7735-	LPE	H-1-3	0 QUARANTIN	EXPIRED	KLG	125 0526092	
	• •	00	FLAMMABL E		ED				D
378	N-Methyl Morpholine	2-0602-7735- 00	LPE FLAMMABL E	H-1-3	0 QUARANTIN ED	EXPIRED	KLG	125 0526093	D
	N-Methyl							250	
432	Dry Sodium Hydrosulfite (88%)	2-0701-3725- 00	LPE WAREHOUS E	F-4-4	0 QUARANTIN ED	EXPIRED No needs in 2009	KLG	113.4 0471004	D
432	Dry Sodium Hydrosulfite (88%)	2-0701-3725- 00	LPE WAREHOUS E	F-4-4	0 QUARANTIN ED	EXPIRED No needs in 2010	KLG	113.4 0471005	D
432	Dry Sodium Hydrosulfite (88%)	2-0701-3725- 00	LPE WAREHOUS E	F-4-4	0 QUARANTIN ED	EXPIRED No needs in 2011	KLG	113.4 0471006	D
432	Dry Sodium Hydrosulfite (88%)	2-0701-3725- 00	LPE WAREHOUS E	F-4-4	0 QUARANTIN ED	EXPIRED No needs in 2012	KLG	113.4 0471007	D
432	Dry Sodium Hydrosulfite (88%)	2-0701-3725- 00	LPE WAREHOUS E	F-3-4	0 QUARANTIN ED	EXPIRED No needs in 2013	KLG	113.4 0471008	D
432	Dry Sodium Hydrosulfite (88%)	2-0602-7691- 00	LPE WAREHOUS E	F-3-4	0 QUARANTIN ED	EXPIRED No needs in 2015	KLG	75.5 0394031	D
432	Dry Sodium Hydrosulfite (88%)	2-0602-7691- 00	LPE WAREHOUS E	F-3-4	0 QUARANTIN ED	EXPIRED No needs in 2016	KLG	113.5 0394030	D
	Dry Sodium							756	
437	Z-L-Valine-NCA	2-0301-7095- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	20.8 0338957	D
437	Z-L-Valine-NCA	2-0402-4173- 00	REFER TRUCK LOT	128419	0 QUARANTIN ED	EXPIRED	KLG	40 0108525	D
437	Z-L-Valine-NCA	2-0604-8617- 00	REFER TRUCK LOT	U61773	0 REJECTED	TO BE REWORKED	KLG	35.5 0406317	D
437	Z-L-Valine-NCA	2-0503-2223- 00	REFER TRUCK LOT	128419	0 QUARANTIN ED	EXPIRED	KLG	25.6 0201543	D
437	Z-L-Valine-NCA	2-0606-9701- 00	TRUCK LOT	128419	0 QUARANTIN ED		KLG	21.5 0414812	D
437	Z-L-Valine-NCA	2-0604-8618- 00	REFER TRUCK LOT	128419	0 QUARANTIN ED	EXPIRED	KLG	29.4 0407688	D
437	Z-L-Valine-NCA	2-0504-2422-	REFER	128419	0 QUARANTIN	EXPIRED	KLG	4.3 0203951	D
437	Z-L-Valine-NCA	00 2-0605-9053-		128419	ED 0 QUARANTIN	EXPIRED	KLG	20.7 0408979	D
437	Z-L-Valine-NCA	00 2-0606-9614- 00	TRUCK LOT REFER TRUCK LOT	128419	ED 0 QUARANTIN ED	EXPIRED	KLG	47.6 0411764	D
437	Z-L-Valine-NCA	2-0606-9614-	REFER	128419	0 QUARANTIN	EXPIRED	KLG	46.4 0411765	D
437	Z-L-Valine-NCA	00 2-0606-9614- 00	TRUCK LOT REFER TRUCK LOT	128419	ED 0 QUARANTIN ED	EXPIRED	KLG	20.8 0411766	D
	Z-L-Valine-NCA							312.6	
458	Acetic Anhydride	2-0612-3124- 00	LPE FLAMMABL E	ANY	0 QUARANTIN ED	EXPIRED NO NEED	KLG	223 0461820	D
458	Acetic Anhydride	2-0612-3123- 00		ANY	0 QUARANTIN ED	EXPIRED NO NEED	KLG	223 0461818	D
4 58	Acetic Anhydride	2-0612-3105- 00		ANY	0 QUARANTIN ED	EXPIRED NO NEED	KLG	223 0461566	D

458	Acetic Anhydride	2-0612-3105- 00	LPE FLAMMABL E	ANY	0 QUARANTIN ED	EXPIRED NO NEED	KLG	223 0461568	D
458	Acetic Anhydride	2-0612-3104- 00		ANY	0 QUARANTIN ED	EXPIRED NO NEED	KLG	222.75 0461562	D
458	Acetic Anhydride	2-0612-3104- 00		ANY	0 QUARANTIN ED	EXPIRED NO NEED	KLG	222.75 0461563	D
458	Acetic Anhydride	2-0612-3104- 00		ANY	0 QUARANTIN ED	EXPIRED NO NEED	KLG	222.75 0461564	D
458	Acetic Anhydride	2-0612-3104- 00		ANY	0 QUARANTIN ED	EXPIRED NO NEED	KLG	222.75 0461565	D
458	Acetic Anhydride	2-0304-8639- 00		ANY	0 QUARANTIN ED	EXPIRED NO NEED	KLG	190 0350663	D
	Anatia Anhudrida		_					1973	
433	Acetic Anhydride Bernhardt XX Multilayer bag	2-0404-5481- 00	LPE WAREHOUS E	ANY	0 QUARANTIN ED	EXPIRED	EA	876 0381706	D
			_						
	Bernhardt XX							876	
474	Potassium	2-0710-7878-	I DE	C-3-2	0 QUARANTIN	EVEIDED	KLG	22.6 0520026	
4/4	Carbonate	00	WAREHOUS E	C-3-2	ED	NO NEEDS	REG	22.0 0520020	D
474	Potassium Carbonate	2-0710-7878- 00	LPE WAREHOUS E	C-3-2	0 QUARANTIN ED	EXPIRED NO NEEDS	KLG	22.6 0520025	D
474	Potassium Carbonate	2-0710-7878- 00	LPE WAREHOUS E	C-3-2	0 QUARANTIN ED	EXPIRED NO NEEDS	KLG	22.6 0520027	D
474	Potassium Carbonate	2-0710-7878- 00	LPE WAREHOUS E	C-3-2	0 QUARANTIN ED	EXPIRED NO NEEDS	KLG	22.6 0520028	D
474	Potassium Carbonate	2-0710-7878- 00		C-3-2	0 QUARANTIN ED	EXPIRED NO NEEDS	KLG	22.6 0520029	D
474	Potassium Carbonate	2-0704-4959- 00		C-3-2	0 QUARANTIN ED	EXPIRED NO NEEDS	KLG	17.6 0486808	D
474	Potassium Carbonate	2-0704-4959- 00		C-3-2	0 QUARANTIN ED	EXPIRED NO NEEDS	KLG	22.6 0486811	D
	Determina		=					450.0	
502	Potassium CIP-100 Cleaning Solution (Steris)	2-0602-7567- 00	LPE WAREHOUS E	F-3-3	0 FULL RELEASE	AVAILABLE	KLG	153.2 214.5 0393023	D
	CID 400 Classics		_					044.5	
504	CIP-100 Cleaning	0.0004.7500		11.0.4	0.0114544714	EVELDED	141.0	214.5	
504	1,4-Dioxane	2-0601-7500- 00	FLAMMABL E	H-2-1	0 QUARANTIN ED	NO NEEDS	KLG	214.5 0392539	D
504	1,4-Dioxane	2-0601-7500- 00	LPE FLAMMABL E	H-2-1	0 QUARANTIN ED	NO NEEDS	KLG	214.5 0392540	D
504	1,4-Dioxane	2-0506-3666- 00	LPE FLAMMABL E	H-2-1	0 QUARANTIN ED	EXPIRED NO NEEDS	KLG	146.7 0220583	D
	1,4-Dioxane Total							575.7	
512	4-(2-aminoethyl)-	2-0507-4309-	LPE	ANY	0 QUARANTIN	EXPIRED	KLG	180 0227455	
	morpholine	00	WAREHOUS E	,	ED		NEO .		D
	4-(2-aminoethyi)-					:		180	
538	Darco G-60	2-0512-6933- 00	LPE WAREHOUS E	E-2-4	0 QUARANTIN ED	NO USE	KLG	18.2 0387479	D
538	Darco G-60	2-0512-6933- 00	LPE WAREHOUS E	E-2-4	0 QUARANTIN ED	EXPIRED NO USE	KLG	18.2 0387481	D
538	Darco G-60	2-0512-6933- 00		E-2-4	0 QUARANTIN ED	EXPIRED NO USE	KLG	18.2 0387482	D
538	Darco G-60	2-0512-6933- 00		E-2-4	0 QUARANTIN ED	EXPIRED NO USE	KLG	18.2 0387483	D
			-						

538	Darco G-60	2-0512-6933- 00	LPE WAREHOUS E	E-2 -4	0 QUARANTIN ED	EXPIRED NO USE	KLG	18.2 0387484	D
538	Darco G-60	2-0512-6933- 00		E-2-4	0 QUARANTIN ED	EXPIRED NO USE	KLG	18.2 0387485	D
538	Darco G-60	2-0512-6933- 00		E-2-4	0 QUARANTIN ED	EXPIRED NO USE	KLG	18.2 0387486	D
538	Darco G-60	2-0512-6933- 00		E-2-4	0 QUARANTIN ED	EXPIRED NO USE	KLG	18.2 0387487	D
538	Darco G-60	2-0512-6933- 00		E-2-4	0 QUARANTIN ED	EXPIRED NO USE	KLG	18.2 0387489	D
538	Darco G-60	2-0512-6933- 00		E-2-4	0 QUARANTIN ED	EXPIRED NO USE	KLG	18.2 0387491	D
538	Darco G-60	2-0512-6933- 00	LPE WAREHOUS E	E-2-4	0 QUARANTIN ED	EXPIRED NO USE	KLG	18.2 0387492	D
538	Darco G-60	2-0512-6933- 00	LPE WAREHOUS E	E-2-4	0 QUARANTIN ED	EXPIRED NO USE	KLG	18.2 0387493	Ð
538	Darco G-60	2-0512-6933- 00	LPE WAREHOUS E	E-2-4	0 QUARANTIN ED	EXPIRED NO USE	KLG	18.2 0387494	D
538	Darco G-60	2-0512-6933- 00		E-2-4	0 QUARANTIN ED	EXPIRED NO USE	KLG	18.2 0387495	D
538	Darco G-60	2-0512-6933- 00		E-2-4	0 QUARANTIN ED	EXPIRED NO USE	KLG	18.2 0387496	D
	Dans C 60 Takel		_					273	
	Darco G-60 Total								
546	Di-Butyl Ether	2-0604-8651- 00	· LPE FLAMMABL E	ANY	0 QUARANTIN ED	EXPIRED	KLG	102.9 0403078	D
546	Di-Butyl Ether	2-0604-8651- 00	· LPE FLAMMABL E	ANY	0 QUARANTIN ED	EXPIRED	KLG	158.8 0403077	D
546	Di-Butyl Ether	2-0604-8651- 00	LPE FLAMMABL E	ANY	0 QUARANTIN ED	EXPIRED	KLG	15.1 0403081	D
546	Di-Butyl Ether	2-0604-8651- 00	LPE FLAMMABL E	ANY	0 QUARANTIN ED	EXPIRED	KLG	114.4 0403080	D
	Di-Butyl Ether Total							391.2	
547	Di-Isopropyl Ether	2-0708-6948- 00	· LPE FLAMMABL E	G-3-6	0 QUARANTIN ED	EXPIRED	KLG	149.7 0510476	D
	Di-Isopropyl Ether		_					149.7	
SEO		2.0040.0040	LDE	E 4 3	0.004000	CVDIDED			
552	Ammonium Chloride- <technical></technical>	00	WAREHOUS E	F-1-3	0 QUARANTIN ED	NO NEED, AZIDE	KLG	20.4 0459135	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	- LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459134	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459136	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459137	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459138	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459139	D

552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459140	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459141	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459142	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459143	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459144	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459145	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459146	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459147	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459148	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459149	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459150	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459151	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459152	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459153	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459154	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459155	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459156	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459157	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459158	D

552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459159	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459160	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459161	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459162	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459163	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459164	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459165	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459166	D
552	Ammonium Chioride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459167	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459168	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459169	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459171	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459172	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459173	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459174	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459175	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459176	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	- LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459302	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459303	D

552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459304	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E- 4 -6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459305	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E- 4 -6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459306	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459307	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459308	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459309	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459310	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459311	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459312	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459313	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459314	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459315	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459316	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459317	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459318	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	- LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459319	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459320	D
552	Ammonium Chloride <technical></technical>	2-0612-2919- 00	- LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459321	D
552	Ammonium Chloride- <technical></technical>	- 2-0612-2919- 00	- LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459322	D

552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E- 4 -6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459323	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459324	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459325	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E- 4 -6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459326	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459327	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459328	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459329	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459330	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459331	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459332	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459333	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459334	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459335	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459336	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459337	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459338	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459339	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459340	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459341	D

552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459342	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459343	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459344	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459345	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-2-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459102	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-2-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459103	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-2-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459104	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-2-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459111	D
552	Ammonium Chłoride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-2-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459112	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-2-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459113	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-2-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459114	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-2-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459115	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-2-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459116	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-2-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459117	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-2-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459118	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-2-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459125	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919 00	LPE WAREHOUS E	E-2-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459126	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919 00	· LPE WAREHOUS E	E-2-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459127	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-2-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459128	D

552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-2-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459129	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-2-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459130	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459131	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459133	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459346	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459347	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459348	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459349	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459350	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459351	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459352	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459353	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459354	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459355	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459356	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459357	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459358	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459359	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459360	D

552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459361	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459362	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459363	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459364	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459365	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459366	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459367	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459368	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459369	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459370	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459371	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459372	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459373	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459374	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459375	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F- 4 -5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459376	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459377	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F- 4 -5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459378	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F- 4 -5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459379	D

552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459177	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459178	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459179	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459180	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459181	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459182	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459183	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459184	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459185	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459186	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459187	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459188	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459189	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459190	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459191	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459192	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459193	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459194	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459195	D

552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459196	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459197	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459198	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459199	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459200	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459201	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459202	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459203	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459204	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459205	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459206	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459207	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459208	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459209	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459210	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459211	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459212	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459213	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	- LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459214	D

552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459215	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459216	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459217	D
552	Ammonium Chloride- <techn(cal></techn(cal>	2-0612-2919- 00	LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459218	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459219	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459220	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459221	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459222	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-2-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459088	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-2-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459089	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-2-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459090	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-2-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459091	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-2-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459092	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-2-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459093	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-2-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459094	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-2-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459095	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-2-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459099	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-2-3	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459100	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	- LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459415	D

552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459416	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459417	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459418	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459419	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459420	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F- 4 -5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459421	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459422	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459423	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459424	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F- 4 -5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459425	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459426	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459427	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F- 4 -5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459428	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459380	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459381	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459382	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F- 4 -5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459383	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459384	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F- 4- 5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459385	D

552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459386	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459413	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F- 4 -5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459387	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459388	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459389	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F- 4- 5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459390	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F- 4 -5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459391	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459392	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459414	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459393	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459394	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459395	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F- 4 -5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459396	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919 00	· LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459397	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F- 4 -5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459398	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F- 4- 5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459399	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459400	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459401	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	F- 4 -5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459402	D

552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459403	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459404	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F- 4 -5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459405	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459406	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459407	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459408	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F- 4 -5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459409	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459410	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F- 4 -5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459411	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-4-5	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459412	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E- 4 -8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459272	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459273	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459274	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459275	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459276	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459277	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E- 4 -6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459278	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E- 4 -6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459279	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459280	D

552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459281	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459282	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E- 4 -6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459283	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459284	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459285	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459286	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459287	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459288	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459289	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459290	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459291	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459292	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919 00	· LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459293	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459294	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919 00	· LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459295	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459296	D
552	Ammonium Chloride- <technical></technical>	· 2-0612-2919 00	· LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459297	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919 00	· LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459298	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919 00	- LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459299	D

552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E- 4- 6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459300	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-6	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459301	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459223	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459224	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459225	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459226	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459227	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	F-1-4	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459228	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459229	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459230	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459231	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459232	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459233	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459234	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459235	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459236	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459237	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459238	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459239	D

552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459240	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459241	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459242	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459243	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459244	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459245	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459246	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E- 4 -8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459247	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459248	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459249	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459250	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459251	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459252	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459253	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E- 4 -8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459254	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459255	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E- 4 -8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459256	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459257	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	· LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459258	D

552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459259	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459260	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459261	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459262	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459263	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E- 4 -8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459264	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E- 4 -8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459265	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459266	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459267	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459268	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459269	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459270	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919- 00	LPE WAREHOUS E	E-4-8	0 QUARANTIN ED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459271	D
	Ammonium							6589.2	
565	L-tert-Leucine	2-0701-3306- 00	LPE WAREHOUS E	E-2-6	0 QUARANTIN ED	EXPIRED	KLG	31 0465401	D
566	L-tert-Leucine Total Dicyclohexylamine	2-0701-3372- 00	· LPE FLAMMABL	G-2-6	0 QUARANTIN ED	EXPIRED	KLG	31 75 0465851	D
	Dicyclohexylamine Grand Total		E				2	75 27626.2	

MATERIAL MATERIAL DESC	LOT_ID	WHSE_ID	LOCATION	GROUP_NO			UOM .	QTY
D 3					_STATUS	RIBUTE		
CDI - Carbonyl Diimidazole Total				<u> </u>	<u> </u>			72.1
/ Isopropanol Total								531
√ Heptane Total								359.3
Z-Valine Total		٥	6633					749.1
4-Nitrophenyl Chloroformate Total	برط و و و حو	ر ۹						1076
Triethylamine Total U904	•							599
√ Imidazole Total								2400
								6891
SCA-NCA Total								2148.6
N-Methyl Morpholine Total								250
Ory Sodium Hydrosulfite (88%) Total								756
Z-L-Valine-NCA Total								312.6
Acetic Anhydride Total								1973
Bernnard XX Multilayer bag Total								876
✓Potassium Carbonate Total								153.2
✓CIP-100 Cleaning Solution (Steris)								214.5
√1,4-Dioxane Total ひ いる								575.7
√4-(2-aminoethyl)-morpholine Total	6 4 30							180
parco G-60 Total - a chivatel C	urbers							273
, Di-Butyl Ether Total						-		391.24
/Di-Isopropyl Ether Total								149.7
Ammonium Chloride- <technical></technical>							4.7	6589.2
/L-tert-Leucine Total						٠ - يو	ý	31
/Dicyclohexylamine Total				,		والمعمولين	gun ".	75
Grand Total					1			27626.2
					- 1. T		*	
						· Y /	4	, t.
							A.s.	3
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LOT MUSE_LOCATION	W Estrucial T
√ CDI - Carbonyl Diimidazole	72.1
, isopropanol Total	531
- Heptane Total	359.3
_ Z-Valine Total	5067.1 diff. 8 1
√4-Nitrophenyl Chloroformate	1076
√Triethylamine Total	599
√ Imidazole Total	2400
√Tributylamine Total	6891
√E3232S Total	6891 1088 Net persent or
✓ SCA-NCA Total	2148.6
√N-Methyl Morpholine Total	250
Dry Sodium Hydrosulfite (88%)	756
Z-L-Valine-NCA Total	756 1245.5 d. f. g.d.
/ Acetic Anhydride Total	1973
/Bernhardt XX Multilayer bag	876
/Potassium Carbonate Total	153.2
CIP-100 Cleaning Solution	214.5
√1,4-Dioxane Total	575.7
4-(2-aminoethyl)-morpholine	180
∫ Darco G-60 Total	273
√Di-Butyl Ether Total	391.2
/ Di-Isopropyl Ether Total	149.7
✓ Ammonium Chloride-	6589.2
∨ L-tert-Leucine Total	31
√ Dicyclohexylamine Total	75

		42.8	Mar B	LOCATION	POR CORAN	CONT_ATTRIBUT	HOM	QTY	CONTAIN	ER.) D
		that the	Hit E	K - 4			ļ.		.	A to
							1,5		* *	
037 037	CDI - Carbonyl Dilmidazole CDI - Carbonyl Dilmidazole	2-0803-9412-00 2-0607-0503-00	OLD SHIP OLD SHIP	ANY	0 QUARANTI 0 FULL	TO BE SAMPLED AVAILABLE	KLG		0536512 0426326	D D
037	CDI - Carbonyl Diimidazole	2-0507-0503-00	OLD SHIP	ANY	0 QUARANTI		KLG		0383581	ם
037	CDI - Carbonyl Diimidazole	2-0511-5857-00	OLD SHIP	ANY	0 QUARANTI		KLG		0380328	D
037	CDI - Carbonyl Diimidazole CDI - Carbonyl	2-0511-5856-00	OLD SHIP	ANY	0 FULL	AVAILABLE	KLG	15 72.1	0379850	D
045	Isopropanol	2-0407-7174-00	LPE	H-2-4	0 REJECTE		KLG		0385996	D
045 045	Isopropanol Isopropanol	2-0407-7174-00 2-0407-7174-00	LPE LPE	H-2-4 H-2-4	0 REJECTE 0 REJECTE	TO BE TO BE	KLG KLG		0385997 0385998	D D
043	Isopropanol Total	2-0407-7174-00	UFE.	11-2-4	O KLJECIE	TOBE	ALG.	531	0363930	U
048	Heptane	2-0705-5585-00	LPE	H-2-6	0 FULL	AVAILABLE	LTR		0502078	D
055	Heptane Total Z-Valine	2-0608-0889-00	LPE	F-1-8	0 REJECTE	TO BE	KLG	359.3 225	0525103	D
055	Z-Valine	2-0710-7953-00	LPE	F-1-1	0 REJECTE		KLG	5.9	0526881	D
055 055	Z-Valine Z-Valine	2-0801-9141-00 2-0805-9734-00	LPE PHARMA	F-1-1 ANY	0 QA HOLD 0 REJECTE	DO NOT USE TO BE	KLG KLG		0533641 0539140	D
300	Z-Valine Total	2 0000 0704 00	1,00000	,	0 11202012	.002		749.1	0000140	D
112	4-Nitrophenyl Chloroformate	2-0809-0010-00	REFER TRUCK LOT	U61773	0 QUARANT NED	TO BE SAMPLED	KLG	25	0542124	D
112	4-Nitrophenyl Chloroformate	2-0809-0010-00	REFER TRUCK	U61773		TO BE SAMPLED	KLG	25	0542123	D
112	4-Nitrophenyl Chloroformate	2-0809-0010-00	REFER TRUCK	U61773		TO BE SAMPLED	KLG	25	0542125	D
112	4-Nitrophenyl Chloroformate	2-0809-0010-00	REFER TRUCK	U61773		TO BE SAMPLED	KLG	25	0542126	D
112	4-Nitrophenyl Chloroformate	2-0809-0010-00	REFER TRUCK	U61773	0 QUARANT	TO BE SAMPLED	KLG	25	0542127	D
112	4-Nitrophenyl Chloroformate	2-0809-0010-00	REFER TRUCK	U61773		TO BE SAMPLED	KLG	25	0542128	D
112	4-Nitrophenyl Chloroformate	2-0809-0010-00	LOT REFER TRUCK	U61773		TO BE SAMPLED	KLG	25	0542129	D
112	4-Nitrophenyl Chloroformate	2-0809-0010-00	LOT REFER TRUCK	U61773		TO BE SAMPLED	KLG	25	0542130	D
112	4-Nitrophenyl Chloroformate	2-0809-0010-00	LOT REFER TRUCK	U61773	NED 0 QUARANT	TO BE SAMPLED	KLG	25	0542131	D
112	4-Nitrophenyl Chloroformate	2-0809-0010-00	LOT REFER TRUCK	U61773	NED 0 QUARANT	TO BE SAMPLED	KLG	25	0542132	D
112	4-Nitrophenyl Chloroformate	2-0809-0010-00	LOT REFER TRUCK	U61773	NED 0 QUARANT	TO BÉ SAMPLED	KLG	25	0542133	
112	4-Nitrophenyl Chloroformate	2-0809-0010-00	LOT REFER TRUCK	U61773	NED 0 QUARANT	TO BE SAMPLED	KLG	25	0542134	D
112	4-Nitrophenyl Chloroformate		LOT REFER TRUCK		NED	TO BE SAMPLED	KLG		0542135	D
112	4-Nitrophenyl Chloroformate		LOT REFER TRUCK		NED	TO BE SAMPLED	KLG		0542136	D
112	4-Nitrophenyl Chloroformate		LOT REFER TRUCK	U61773	NED	TO BE SAMPLED	KLG		0542137	D
112	4-Nitrophenyi Chloroformate		LOT REFER TRUCK		NED	TO BE SAMPLED	KLG		0542138	D
112	4-Nitrophenyl Chloroformate		LOT REFER TRUCK	U61773	NED	TO BE SAMPLED	KLG		0542139	D
112			LOT	U61773	NED	TO BE SAMPLED	KLG			D
112	4-Nitrophenyl Chloroformate 4-Nitrophenyl Chloroformate		REFER TRUCK LOT REFER TRUCK	U61773	NED	TO BE SAMPLED	KLG		0542140	D
112			LOT REFER TRUCK	U61773	NED	TO BE SAMPLED	KLG			D
	4-Nitrophenyl Chloroformate 4-Nitrophenyl Chloroformate		LOT		NED				0542142	D
112			REFER TRUCK LOT	U61773	NED	TO BE SAMPLED	KLG			D
112	4-Nitrophenyl Chloroformate		REFER TRUCK LOT	U61773	NED	TO BE SAMPLED	KLG		0542144	D
112	4-Nitrophenyl Chloroformate		REFER TRUCK LOT	U61773	NED	TO BE SAMPLED	KLG		0542145	D
112	4-Nitrophenyl Chloroformate		REFER TRUCK LOT		NED	TO BE SAMPLED	KLG	25	0542146	D
112	4-Nitrophenyl Chloroformate	2-0809-0011-00	REFER TRUCK LOT	U61773	0 QUARANT NED	TO BE SAMPLED	KLG	25	0542147	D
112	4-Nitrophenyl Chloroformate	2-0809-0011-00	REFER TRUCK LOT	U61773	0 QUARANT NED	TO BE SAMPLED	KLG	25	0542148	D
112	4-Nitrophenyl Chloroformate	2-0809-0012-00	REFER TRUCK LOT	U61773	0 QUARANT NED	I TO BE SAMPLED	KLG	11.8	0542149	D
112	4-Nitrophenyl Chloroformate	2-0809-0013-00	REFER TRUCK LOT	U61773	0 QUARANT NED	TO BE SAMPLED	KLG	3.9	0542150	D
112	4-Nitrophenyl Chioroformate	2-0809-0015-00	REFER TRUCK	U61773		TO BE SAMPLED	KLG	25	0542151	D
112	4-Nitrophenyl Chloroformate	2-0809-0015-00	REFER TRUCK	U61773		TO BE SAMPLED	KLG	25	0542152	D
112	4-Nitrophenyl Chloroformate	2-0809-0015-00	REFER TRUCK	U61773		TO BE SAMPLED	KLG	25	0542153	D
112	4-Nitrophenyl Chloroformate	2-0809-0015-00	REFER TRUCK	U61773		TO BE SAMPLED	KLG	25	0542154	D
112	4-Nitrophenyl Chloroformate	2-0809-0015-00	REFER TRUCK	U61773		TO BE SAMPLED	KLG	25	0542155	D
112	4-Nitrophenyl Chloroformate	2-0809-0015-00	REFER TRUCK	U61773	0 QUARANT	TO BE SAMPLED	KLG	25	0542156	D
112	4-Nitrophenyl Chloroformate	2-0809-0015-00	REFER TRUCK	U61773		TO BE SAMPLED	KLG	25	0542157	D
112	4-Nitrophenyl Chloroformate	2-0809-0015-00	REFER TRUCK	U61773		TO BE SAMPLED	KLG	25	0542158	D
112	4-Nitrophenyl Chloroformate	2-0809-0015-00	LOT REFER TRUCK	U61773		TO BE SAMPLED	KLG	25	0542159	D
112	4-Nitrophenyl Chloroformate	2-0809-0015-00	LOT REFER TRUCK	U61773		TO BE SAMPLED	KLG	25	0542160	D
112	4-Nitrophenyl Chloroformate	2-0809-0015-00	LOT REFER TRUCK	U61773		! TO BE SAMPLED	KLG	25	0542161	
112	4-Nitrophenyl Chloroformate		LOT REFER TRUCK		NED	I TO BE SAMPLED	KŁG		0542162	D
112	4-Nitrophenyl Chloroformate		LOT REFER TRUCK		NED	TO BE SAMPLED	KLG		0542163	D
	,		LOT		NED			20		D

Acetic Anhydride Acetic Anhydride Acetic Anhydride Acetic Anhydride Acetic Anhydride Acetic Anhydride Bernhardt XX Multilayer bag Bernhardt XX Multilayer Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate I (21-010 Cleaning Solution (Steris) CIP-100 Cleaning Solution 1,4-Dioxane 1,4-Dioxa	2-0710-7878-00 2-0710-7878-00 2-0710-7878-00 2-0710-7878-00 2-0710-7878-00 2-0710-4959-00 2-0704-4959-00 2-0602-7567-00 2-0601-7500-00 2-0601-7500-00 2-0506-3866-00	LPE LPE LPE LPE LPE LPE LPE LPE LPE LPE	ANY ANY ANY C-3-2 C-3-2 C-3-2 C-3-2 C-3-2 C-3-2 F-3-3 H-2-1 H-2-1 H-2-1 H-2-1 ANY E-2-4 E-	0 QUARANTI 0 QUARANTI	EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO USE EXPIRED NO USE EXPIRED NO USE EXPIRED NO USE EXPIRED NO USE EXPIRED NO USE EXPIRED NO USE	KLG KLG KLG KLG KLG KLG KLG KLG KLG KLG	222.75 1800 1973 876 22.6 22.6 22.6 22.6 22.6 22.6 22.6 22	0461564 0461565 0350663 0381706 0520026 0520026 0520027 0520028 0520029 0486808 0486811 0393023 0392539 0392540 0220583 0227455 0387479 0387481 0387482 0387482 0387484 0387484 0387486	
Acetic Anhydride Acetic Anhydride Acetic Anhydride Total Bernhardt XX Multilayer Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate 10-100 Cleaning Solution (Steris) CIP-100 Cleaning Solution 1.4-Dioxane	2-0612-3104-00 2-0304-8639-00 2-0404-5481-00 2-0710-7878-00 2-0710-7878-00 2-0710-7878-00 2-0710-7878-00 2-0710-7878-00 2-0704-4959-00 2-0601-7500-00 2-0601-7500-00 2-0506-3666-00 2-0512-6933-00 2-0512-6933-00 2-0512-6933-00 2-0512-6933-00	LPE LPE LPE LPE LPE LPE LPE LPE LPE LPE	ANY ANY ANY C-3-2 C-3-2 C-3-2 C-3-2 C-3-2 C-3-2 F-3-3 H-2-1 H-2-1 H-2-1 H-2-1 ANY E-2-4 E-2	0 QUARANTI 0 QUARANTI	EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO USE EXPIRED NO USE EXPIRED NO USE EXPIRED NO USE EXPIRED NO USE EXPIRED NO USE	KLG KLG KLG KLG KLG KLG KLG KLG KLG KLG	222.75 190 1973 1876 876 22.6 22.6 22.6 22.6 22.6 22.6 153.2 214.5 214.5 214.5 575.7 180 180 18.2 18.2 18.2 18.2	0461565 0350663 0381706 0520026 0520025 0520027 0520029 0486808 0486811 0393023 0392539 0392540 0220583 0227455 0387479 0387481 0387482 0387483 0387484	
Acetic Anhydride Acetic Anhydride Acetic Anhydride Total Bernhardt XX Multilayer Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Olexanium Carbonate Potassium Carbonate Potassium Carbonate 10-100 Cleaning Solution (Steris) CIP-100 Cleaning Solution 1,4-Dioxane 1,4-Dioxa	2-0612-3104-00 2-0304-8639-00 2-0404-5481-00 2-0710-7878-00 2-0710-7878-00 2-0710-7878-00 2-0710-7878-00 2-0710-7878-00 2-0704-4859-00 2-0704-4859-00 2-0601-7500-00 2-0601-7500-00 2-0506-3686-00 2-0512-6933-00 2-0512-6933-00 2-0512-6933-00 2-0512-6933-00	LPE LPE LPE LPE LPE LPE LPE LPE LPE LPE	ANY ANY ANY C-3-2 C-3-2 C-3-2 C-3-2 C-3-2 C-3-2 F-3-3 H-2-1 H-2-1 H-2-1 H-2-1 ANY E-2-4 E-2	0 QUARANTI 0 QUARANTI	EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO USE EXPIRED NO USE EXPIRED NO USE EXPIRED NO USE EXPIRED NO USE EXPIRED NO USE	KLG KLG KLG KLG KLG KLG KLG KLG KLG KLG	222.75 1900 1973 876 22.6 22.6 22.6 22.6 22.6 176.6 22.6 176.6 214.5 214.5 214.5 145.7 180 180 180 182 182 182 182	0461565 0350663 0381706 0520026 0520025 0520027 0520029 0486808 0486811 0393023 0392539 0392540 0220583 0227455 0387479 0387481 0387482 0387483	
Acetic Anhydride Acetic Anhydride Acetic Anhydride Total Bernhardt XX Multilayer Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Olexanium Carbonate Potassium Carbonate Potassium Carbonate 10-100 Cleaning Solution (Steris) CIP-100 Cleaning Solution 1,4-Dioxane 1,4-Dioxa	2-0612-3104-00 2-0304-8639-00 2-0404-5481-00 2-0710-7878-00 2-0710-7878-00 2-0710-7878-00 2-0710-7878-00 2-0710-7878-00 2-0704-4859-00 2-0704-4859-00 2-0601-7500-00 2-0601-7500-00 2-0506-3686-00 2-0512-6933-00 2-0512-6933-00 2-0512-6933-00 2-0512-6933-00	LPE LPE LPE LPE LPE LPE LPE LPE LPE LPE	ANY ANY ANY C-3-2 C-3-2 C-3-2 C-3-2 C-3-2 C-3-2 C-3-2 H-2-1 H-2-1 H-2-1 H-2-1 H-2-1 H-2-1	0 QUARANTI 0 QUARANTI	EXPIRED NO USE EXPIRED NO USE EXPIRED NO USE EXPIRED NO USE	KLG KLG KLG KLG KLG KLG KLG KLG KLG KLG	222.75 1900 1973 876 22.6 22.6 22.6 22.6 22.6 176.6 22.6 176.6 214.5 214.5 214.5 145.7 180 180 180 182 182 182 182	0461565 0350663 0381706 0520026 0520025 0520027 0520029 0486808 0486811 0393023 0392539 0392540 0220583 0227455 0387479 0387481 0387482 0387483	
Acetic Anhydride Acetic Anhydride Total Bernhardt XX Multilayer bag Bernhardt XX Multilayer bag Bernhardt XX Multilayer Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate 10:100 Cleaning Solution 1,4-Dioxane 1,4-Dioxa	2-0612-3104-00 2-0304-8639-00 2-0404-5481-00 2-0710-7678-00 2-0710-7678-00 2-0710-7678-00 2-0710-7678-00 2-0710-7678-00 2-0710-7678-00 2-0704-4959-00 2-0602-7567-00 2-0601-7500-00 2-0506-3666-00 2-0512-6933-00 2-0512-6933-00 2-0512-6933-00	LPE LPE LPE LPE LPE LPE LPE LPE LPE LPE	ANY ANY ANY C-3-2 C-3-2 C-3-2 C-3-2 C-3-2 C-3-2 F-3-3 H-2-1 H-2-1 H-2-1 H-2-1 ANY	0 QUARANTI 0 QUARANTI	EXPIRED NO USE EXPIRED NO USE EXPIRED NO USE EXPIRED NO USE	KLG KLG KLG KLG KLG KLG KLG KLG KLG KLG	222.75 1900 1973 876 22.6 22.6 22.6 22.6 22.6 22.6 22.6 214.5 214.	0461565 0350663 0381706 0520026 0520025 0520027 0520029 0486808 0486811 0393023 0392539 0392540 0220583 0227455	
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Acetic Anhydride Acetic Anhydride Total Bernhardt XX Multilayer bag Bernhardt XX Multilayer Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate	2-0612-3104-00 2-0304-8639-00 2-0404-5481-00 2-0710-7878-00 2-0710-7878-00 2-0710-7878-00 2-0710-7878-00 2-0710-7878-00	LPE LPE LPE LPE LPE LPE LPE LPE LPE LPE	ANY ANY ANY C-3-2 C-3-2 C-3-2 C-3-2 C-3-2	0 QUARANTI 0 QUARANTI 0 QUARANTI 0 QUARANTI NED 0 QUARANTI 0 QUARANTI 0 QUARANTI 0 QUARANTI 0 QUARANTI 0 QUARANTI	EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO	KLG KLG EA KLG KLG KLG KLG KLG KLG	222.75 190 1973 876 876 22.6 22.6 22.6 22.6 22.6	0461565 0350663 0381706 0520026 0520025 0520027 0520028 0520029	0 0 0 0 0 0 0
Acetic Anhydride Acetic Anhydride Total Bernhardt XX Multilayer bag Bernhardt XX Multilayer Potassium Carbonate Potassium Carbonate Potassium Carbonate Potassium Carbonate	2-0612-3104-00 2-0304-8639-00 2-0404-5481-00 2-0710-7878-00 2-0710-7878-00 2-0710-7878-00 2-0710-7878-00	LPE LPE LPE LPE LPE LPE LPE LPE LPE LPE	ANY ANY ANY C-3-2 C-3-2 C-3-2 C-3-2	0 QUARANTI 0 QUARANTI 0 QUARANTI 0 QUARANTI NED 0 QUARANTI 0 QUARANTI 0 QUARANTI 0 QUARANTI 0 QUARANTI	EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO	KLG EA KLG KLG KLG KLG KLG	222.75 190 1973 876 876 22.6 22.6 22.6 22.6	0461565 0350663 0381706 0520026 0520025 0520027 0520028	0 0 0
Acetic Anhydride Acetic Anhydride Total Bernhardt XX Multilayer bag Bernhardt XX Multilayer Potassium Carbonate Potassium Carbonate Potassium Carbonate	2-0612-3104-00 2-0304-8639-00 2-0404-5481-00 2-0710-7878-00 2-0710-7878-00 2-0710-7878-00	LPE LPE LPE WAREHOUSE LPE LPE LPE	ANY ANY ANY C-3-2 C-3-2 C-3-2	0 QUARANTI 0 QUARANTI 0 QUARANTI 0 QUARANTI NED 0 QUARANTI 0 QUARANTI 0 QUARANTI	EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO	KLG EA KLG KLG KLG KLG	222.75 190 1973 876 876 22.6 22.6 22.6	0461565 0350663 0381706 0520026 0520025 0520027	0 0 0 0
Acetic Anhydride Acetic Anhydride Acetic Anhydride Total Bernhardt XX Multilayer bag Bernhardt XX Multilayer Potassium Carbonate Potassium Carbonate	2-0612-3104-00 2-0304-8639-00 2-0404-5481-00 2-0710-7878-00 2-0710-7878-00	LPE LPE LPE WAREHOUSE LPE LPE	ANY ANY ANY C-3-2 C-3-2	0 QUARANTI 0 QUARANTI 0 QUARANTI 0 QUARANTI NED 0 QUARANTI 0 QUARANTI 0 QUARANTI	EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO EXPIRED NO	KLG KLG EA KLG KLG	222.75 190 1973 876 876 22.6 22.6	0461565 0350663 0381706 0520026 0520025	D D D
Acetic Anhydride Acetic Anhydride Total Bernhardt XX Multilayer bag Bernhardt XX Multilayer Potassium Carbonate	2-0612-3104-00 2-0304-8639-00 2-0404-5481-00 2-0710-7878-00	LPE LPE LPE WAREHOUSE LPE LPE	ANY ANY ANY ANY C-3-2	0 QUARANTI 0 QUARANTI 0 QUARANTI 0 QUARANTI NED 0 QUARANTI	EXPIRED NO EXPIRED NO EXPIRED	KLG KLG EA KLG	222.75 190 1973 876 876 22.6	0461565 0350663 0381706 0520026	D D D
Acetic Anhydride Acetic Anhydride Total Bernhardt XX Multilayer bag Bernhardt XX Multilayer Potassium Carbonate	2-0612-3104-00 2-0304-8639-00 2-0404-5481-00 2-0710-7878-00	LPE LPE LPE WAREHOUSE	ANY ANY ANY ANY C-3-2	0 QUARANTI 0 QUARANTI 0 QUARANTI 0 QUARANTI NED 0 QUARANTI	EXPIRED NO EXPIRED NO EXPIRED	KLG KLG EA KLG	222.75 190 1973 876 876 22.6	0461565 0350663 0381706 0520026	D D D
Acetic Anhydride Acetic Anhydride Acetic Anhydride Total Bernhardt XX Multilayer bag Bernhardt XX Multilayer	2-0612-3104-00 2-0304-8639-00 2-0404-5481-00	LPE LPE LPE LPE WAREHOUSE	ANY ANY ANY	0 QUARANTI 0 QUARANTI 0 QUARANTI 0 QUARANTI NED	EXPIRED NO EXPIRED NO EXPIRED	KLG KLG EA	222.75 190 1973 876	0461565 0350663 0381706	D D
Acetic Anhydride Acetic Anhydride Acetic Anhydride Total Bernhardt XX Multilayer bag	2-0612-3104-00 2-0304-8639-00	LPE LPE LPE	ANY ANY ANY	0 QUARANTI 0 QUARANTI 0 QUARANTI 0 QUARANTI	EXPIRED NO EXPIRED NO	KLG KLG	222.75 190 1973 876	0461565 0350663	D D
Acetic Anhydride Acetic Anhydride Acetic Anhydride Total	2-0612-3104-00 2-0304-8639-00	LPE LPE LPE	ANY ANY ANY	0 QUARANTI 0 QUARANTI 0 QUARANTI 0 QUARANTI	EXPIRED NO EXPIRED NO	KLG KLG	222.75 190 1973	0461565 0350663	D D
Acetic Anhydride Acetic Anhydride Acetic Anhydride Total	2-0612-3104-00 2-0304-8639-00	LPE LPE LPE	ANY ANY ANY	0 QUARANTI 0 QUARANTI 0 QUARANTI	EXPIRED NO EXPIRED NO	KLG KLG	222.75 190 1973	0461565 0350663	D D
Acetic Anhydride Acetic Anhydride	2-0612-3104-00	LPE LPE	ANY ANY	0 QUARANTI 0 QUARANT!	EXPIRED NO	KLG	222.75 190	0461565	D D
Acetic Anhydride	2-0612-3104-00	LPE LPE	ANY ANY	0 QUARANTI 0 QUARANT!	EXPIRED NO	KLG	222.75	0461565	D D
		LPE	ANY	0 QUARANTI					D
Acetic Anhydride	2-0612-3104-00				EXPIRED NO	KLG	222.75	0461564	
			A111	0 40/404111					
Acetic Anhydride	2-0612-3104-00	LPE	ANY	O OLIARANTI	EXPIRED NO	KLG	222.75	0461563	D
									D
									D
									D
									D
	2-0612-3124-00	LPE	ANY	0 QUARANTI	EXPIRED NO	KLG		0461820	D
		MAREHOUSE		NED	2010		756		
	2-0602-7691-00		F-3-4			KLG	113.5	U394030	D
(88%)	0.0000 700 :	WAREHOUSE	504	NED		W 0	4.5.5		J
Dry Sodium Hydrosulfite	2-0602-7691-00	LPE	F-3-4			KLG	75.5	0394031	D
(88%)		WAREHOUSE		NED					D
Dry Sodium Hydrosulfite	2-0701-3725-00	LPE	F-3-4	0 QUARANTI	EXPIRED No needs	KLG	113.4	0471008	D
(88%)		WAREHOUSE		NED	in 2012				D
Dry Sodium Hydrosulfite	2-0701-3725-00	LPE	F-4-4			KLG	113.4	0471007	
(88%)	_ ,, _, _, _,	WAREHOUSE		NED	in 2011				0
Dry Sodium Hydrosulfite	2-0701-3725-00	LPE	F-4-4			KLG	113.4	0471006	
	2-0/01-3/25-00		F=4-4			KLG.	115.4	V-/ 1005	D
(88%)	2.0704.2705.00		544			ИС	440.1	0474005	_
Dry Sodium Hydrosulfite	2-0701-3725-00	LPE	F-4-4			KLG	113.4	0471004	D
					EVENET	10.6		0.474.5.	
N-Methyl Morpholine	2-0602-7735-00	LPE	H-1-3	u QUARANTI	EXPIRED	KLG		u526093	D
									D
	2 2022 7727 22	LDE	114.2	0.004544	EXPIDED	KI C		050000	_
	2-0804-9584-00	NORTH DRUM	ANY	0 QUARANII	TO BE SAMPLED	KLG		0537723	D
	2.0804.0504.00	NORTH DOUG	ANV	O OLIADANTI	TO BE SAMOI ED	KIG		0537722	_
	2-0804-95/6-00	OLD SHIP	ANY	U QUARANTI	no usage	KLG		053//13	D
	2.0804.0576.00	Ot D SHID	ANIV	A ALIADANTI	DO HESCO	KI G		0527712	_
Triethylamine Total		CANIMABLE		HCD	One ii we restait		599		
, neurylainine	2-0704-3100-00		CINI	0 QUARANTI NED		NLO	149./5	v+00#04	D
Triethylamine	2-0704-5100-00		ANY			KLG	149.75	0488954	
Thoulylainine	2-0704-0100-00		- CHI			ILC.	140.10	0400000	D
Triethylamine	2-0704-5100-00		ANY			KLG	149.75	0488953	_
· ···cu iyiaiiiiile	2-0104-0100-00		DIN	NED			149./0	U-100302	D
Triethylamine	2_0704_5100_00		ANY			KIG	149 75	0488952	
Triethylamine	2-0704-5100-00		ANY			KLG	149.75	0488951	D
	· - · · · · · ·	. ==							
		LOT		NED			4070		
4-Nitrophenyl Chloroformate	2-0809-0018-00		U61773		TO BE SAMPLED	KLG	14	0542168	D
	0.0000.000.	LOT	1104770	NED	TO DE 01115	10.0		0540400	-
4-Nitrophenyl Chloroformate	2-0809-0017-00	REFER TRUCK	U61773		TO BE SAMPLED	KLG	17	0542167	D
		LOT		NED					U
4-Nitrophenyl Chloroformate	2-0809-0015-00	REFER TRUCK	U61773	0 QUARANTI	TO BE SAMPLED	KLG	25	0542166	D
4-readphonyl onlololollingte	2-0000 00 (0-00	LOT		NED	TO DE OTAM LED			0042.00	D
4-Nitrophenyl Chloroformate	2-0809-0015-00		LI61773		TO BE SAMPLED	KIG	25	0542165	
4-Nitrophenyl Chloroformate	2-0809-0015-00	REFER TRUCK	061773		TO BE SAMPLED	KLG	25	0542164	D
	4-Nitrophenyl Chloroformate 4-Nitrophenyl Chloroformate 4-Nitrophenyl Chloroformate 4-Nitrophenyl Chloroformate 4-Nitrophenyl Chloroformate 4-Nitrophenyl Triethylamine Triethylamine Triethylamine Triethylamine Triethylamine Triethylamine Triethylamine Triethylamine Triethylamine Tributylamine Triethylamine Tr	4-Nitrophenyl Chloroformate 2-0809-0015-00 4-Nitrophenyl Chloroformate 2-0809-0015-00 4-Nitrophenyl Chloroformate 2-0809-0017-00 4-Nitrophenyl Chloroformate 2-0809-0018-00 4-Nitrophenyl Chloroformate 2-0809-0018-00 4-Nitrophenyl Triethylamine 2-0704-5100-00 Triethylamine 2-0704-5100-00 Triethylamine 2-0704-5100-00 Triethylamine 2-0804-9576-00 Imidazole Total Tributylamine 2-0804-9584-00 Tributylamine 2-0804-9584-00 Tributylamine 2-0802-7735-00 Imidazole Total Tributylamine 2-0802-7735-00 N-Methyl Morpholine 2-0602-7735-00 N-Methyl Morpholine 7-0602-7735-00 N-Methyl Morpholine 7-0602-7735-00 N-Methyl Morpholine 1-0602-7735-00 N-Methyl Morpholine 2-0701-3725-00 (88%) Dry Sodium Hydrosulffte 2-0701-3725-00 (88%) Dry Sodium Hydrosulffte 2-0701-3725-00 (88%) Dry Sodium Hydrosulffte 2-0602-7691-00 (88%) Dry Sodium Hydrosulffte 2-0602-7691-00 (88%) Dry Sodium Hydrosulffte 2-0602-7691-00 (88%) Dry Sodium Hydrosulffte 2-0602-7691-00 (88%) Dry Sodium Hydrosulffte 2-0602-7691-00 (88%) Dry Sodium Hydrosulffte 2-0602-7691-00 (88%) Dry Sodium Hydrosulffte 2-0602-7691-00 (88%) Dry Sodium Hydrosulffte 2-0602-7691-00 (88%) Dry Sodium Hydrosulffte 2-0612-3105-00 Acetic Anhydride 2-0612-3105-00 Acetic Anhydride 2-0612-3105-00 Acetic Anhydride 2-0612-3105-00 Acetic Anhydride 2-0612-3105-00 Acetic Anhydride 2-0612-3105-00 Acetic Anhydride 2-0612-3105-00 Acetic Anhydride 2-0612-3105-00 Acetic Anhydride 2-0612-3105-00 Acetic Anhydride 2-0612-3105-00 Acetic Anhydride 2-0612-3105-00 Acetic Anhydride 2-0612-3105-00	4-Nitrophenyl Chloroformate 2-0809-0015-00 REFER TRUCK LOT 4-Nitrophenyl Chloroformate 2-0809-0015-00 REFER TRUCK LOT 4-Nitrophenyl Chloroformate 2-0809-0017-00 REFER TRUCK LOT 4-Nitrophenyl Chloroformate 2-0809-0018-00 REFER TRUCK LOT 4-Nitrophenyl Chloroformate 2-0809-0018-00 REFER TRUCK LOT 4-Nitrophenyl Chloroformate 2-0809-0018-00 REFER TRUCK LOT 4-Nitrophenyl Chloroformate 2-0809-0018-00 REFER TRUCK LOT 4-Nitrophenyl Chloroformate 2-0704-5100-00 PPE FLAMMABLE FLAMMABLE PPE FLAMMABLE PPE FLAMMABLE PPE FLAMMABLE PRE PRE PRE PRE PRE PRE PRE PRE PRE PR	LOT	LOT	LOT	LOT	A-Nitrophenyl Chloroformate	NED

552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-1-3	0 QUARANTI EXPIRED N NED NEED, AZII		20.4 0459134	C
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	<technical></technical>		WAREHOUSE		NED NEED, AZII	DE	20.4 0459138	
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-1-3	0 QUARANTI EXPIRED N NED NEED, AZII		20.4 0459139	
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552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE	F-1-3	0 QUARANTI EXPIRED N	IO KLG	20.4 0459145	
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	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-1-3	0 QUARANTI EXPIRED N NED NEED, AZII		20.4 0459148	ľ
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-1-3	0 QUARANTI EXPIRED N NED NEED, AZII		20.4 0459149	
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-1-3	0 QUARANTI EXPIRED N NED NEED, AZII	IO KLG	20.4 0459150	
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	<technical></technical>		WAREHOUSE		0 QUARANTI EXPIRED N NED NEED, AZII		20.4 0459153	
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	<technical></technical>		WAREHOUSE		NED NEED, AZII	DE		
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	<technical></technical>	2-0612-2919-00	WAREHOUSE		0 QUARANTI EXPIRED N NED NEED, AZII	DE	20.4 0459165	0
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552	Ammonium Chloride-	2-0612-2919-00	LPE	E-4-6	0 QUARANTI EXPIRED N	IO KLG	20.4 0459307	D
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-4-6	NED NEED, AZII 0 QUARANTI EXPIRED N		20.4 0459308	
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552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-4-6	0 QUARANTI EXPIRED N NED NEED, AZII	Œ	20.4 0459310	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-4-6	0 QUARANTI EXPIRED N NED NEED, AZIO		20.4 0459311	D
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	<technical></technical>		WAREHOUSE		NED NEED, AZIO	DE		D

552	Ammonium Chloride-	2.0612.2010.00	I DC	EAR	0.7	CLIABANTI	EXPIRED NO	KI G	20.4 0459314	
552	<technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-4-6	1	NED	NEED, AZIDE	KLG		D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-4-6		QUARANTI NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459315	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	E-4-6	0 0	QUARANTI	EXPIRED NO	KLG	20.4 0459316	D
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-4-6		NED OLIARANTI	NEED, AZIDE EXPIRED NO	KLG	20.4 0459317	_
	<technical></technical>		WAREHOUSE		1	NED	NEED, AZIDE			D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-4-6		QUARANTI NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459318	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	E-4-6	0 (QUARANTI	EXPIRED NO	KLG	20.4 0459319	D
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-4-6		NED QUARANTI	NEED, AZIDE EXPIRED NO	KLG	20.4 0459320	
552	<technical> Ammonium Chloride-</technical>	2 2242 2242 22	WAREHOUSE LPE	5.40	1	NED	NEED, AZIDE			D
352	<technical></technical>	2-0612-2919-00	WAREHOUSE	E-4-6		NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459321	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-4-6		QUARANTI NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459322	a
552	Ammonium Chloride-	2-0612-2919-00	LPE	E-4-6	0.0	QUARANTI	EXPIRED NO	KLG	20.4 0459323	D
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-4-6		NED QUARANTI	NEED, AZIDE EXPIRED NO	KLG	20.4 0459324	
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-4-6	1	NED	NEED, AZIDE EXPIRED NO			D
	<technical></technical>		WAREHOUSE		ı	NED	NEED, AZIDE	KLG	20.4 0459325	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-4-6		QUARANTI NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459326	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-1-4	0 (EXPIRED NO	KLG	20.4 0459327	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	E-1-4			NEED, AZIDE EXPIRED NO	KLG	20.4 0459328	D
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-1-4		NED OLIABANTI	NEED, AZIDE EXPIRED NO	KLG	20.4 0459329	D
	<technical></technical>		WAREHOUSE		1	NED	NEED, AZIDE			D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-1-4		QUARANTI NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459330	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-1-4			EXPIRED NO	KLG	20.4 0459331	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	E-1-4		NED QUARANTI	NEED, AZIDE EXPIRED NO	KLG	20.4 0459332	D
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-1-4		NED Oliapanti	NEED, AZIDE EXPIRED NO	KLG	20.4 0459333	
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552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-1-4		QUARANTI NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459334	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-1-4		QUARANTI NED	EXPIRED NO	KLG	20.4 0459335	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	E-1-4			NEED, AZIDE EXPIRED NO	KLG	20.4 0459336	_
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-1-4		NED Oliaranti	NEED, AZIDE EXPIRED NO	KLG	20.4 0459337	D
	<technical></technical>		WAREHOUSE		t	NED	NEED, AZIDE			D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-1-4		QUARANTI NED	NEED, AZIDE	KLG	20.4 0459338	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-1-4		QUARANTI NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459339	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	E-1-4	0 0	QUARANTI	EXPIRED NO	KLG	20.4 0459340	D
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-1-4		NED Quaranti	NEED, AZIDE EXPIRED NO	KLG	20.4 0459341	
552	<technical> Ammonium Chloride-</technical>		WAREHOUSE LPE		1	NED	NEED, AZIDE			D
	<technical></technical>	2-0612-2919-00	WAREHOUSE	E-1-4		NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459342	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-1-4		QUARANTI NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459343	Ð
552	Ammonium Chloride-	2-0612-2919-00	LPE	E-1-4	0 (QUARANTI	EXPIRED NO	KLG	20.4 0459344	D
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-1-4		NED QUARANTI	NEED, AZIDE EXPIRED NO	KLG	20.4 0459345	
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-2-3		NED	NEED, AZIDE EXPIRED NO	KLG	20.4 0459102	D
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552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-2-3		QUARANTI NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459103	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE	E-2-3	0 (QUARANTI	EXPIRED NO	KLG	20.4 0459104	D
552	Ammonium Chloride-	2-0612-2919-00	WAREHOUSE LPE	E-2-3		VED QUARANTI	NEED, AZIDE EXPIRED NO	KLG	20.4 0459111	_
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-2-3		NED OLIADANTI	NEED, AZIDE EXPIRED NO	KLG	20.4 0459112	D
	<technical></technical>		WAREHOUSE		1	NED	NEED, AZIDE	NLO	20.4 0459112	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-2-3		QUARANTI NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459113	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-2-3		QUARANTI NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459114	٥
552	Ammonium Chloride-	2-0612-2919-00	LPE	E-2-3	0 0	QUARANTI	EXPIRED NO	KLG	20.4 0459115	D
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-2-3		NED QUARANTI	NEED, AZIDE EXPIRED NO	KLG	20.4 0459116	
	<technical></technical>		WAREHOUSE		1	NED	NEED, AZIDE			D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-2-3		NED NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459117	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-2-3		QUARANTI NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459118	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	E-2-3	0 0	QUARANTI	EXPIRED NO	KLG	20.4 0459125	D
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-2-3		NED QUARANTI	NEED, AZIDE EXPIRED NO	KLG	20.4 0459126	
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE		١	NED	NEED, AZIDE EXPIRED NO			D
	<technical></technical>	2-0012-2919-00	WAREHOUSE	E-2-3		VED	NEED, AZIDE	KLG	20.4 0459127	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-2-3		QUARANTI NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459128	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	E-2-3	0 0	QUARANTI	EXPIRED NO	KLG	20.4 0459129	D
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-2-3		NED QUARANTI	NEED, AZIDE EXPIRED NO	KLG	20.4 0459130	
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	F-1-3		NED SUARANTI	NEED, AZIDE EXPIRED NO	KLG		D
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552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-1-3		QUARANTI NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459133	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-1-4	0 0		EXPIRED NO NEED, AZIDE	KLG	20.4 0459346	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	E-1-4	0 0	QUARANTI	EXPIRED NO	KLG	20.4 0459347	D
	<technical></technical>		WAREHOUSE		1	NED	NEED, AZIDE			D

552	Ammonium Chloride	2-0612-2919-00	LPE	E-1-4	0 QUARANTI EXPI		20.4 0459348	
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-1-4	NED NEEI 0 QUARANTI EXPI	D, AZIDE RED NO KLG	20.4 0459349	-
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-1-4	NED NEED 0 QUARANTI EXPI	D, AZIDE RED NO KLG	20.4 0459350	L
	<technical></technical>		WAREHOUSE		NED NEED	D, AZIDE		
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-1-4	0 QUARANTI EXPI NED NEEL	RED NO KLG D, AZIDE	20.4 0459351	
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-1-4	0 QUARANTI EXPI NED NEEL	RED NO KLG D, AZIDE	20.4 0459352	
552	Ammonium Chloride-	2-0612-2919-00	LPE	E-1-4	0 QUARANTI EXPI	RED NO KLG	20.4 0459353	
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-1-4	NED NEEL 0 QUARANTI EXPI	D, AZIDE RED NO KLG	20.4 0459354	-
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-1-4	NED NEED 0 QUARANTI EXPI	D, AZIDE RED NO KLG	20.4 0459355	L
	<technical></technical>		WAREHOUSE		NED NEEL	D, AZIDE		
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-1-4	0 QUARANTI EXPI NED NEEL	RED NO KLG D, AZIDE	20.4 0459356	
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-1-4	0 QUARANTI EXPI NED NEEI	RED NO KLG D, AZIDE	20.4 0459357	
552	Ammonium Chloride-	2-0612-2919-00	LPE	E-1-4	0 QUARANTI EXPI	RED NO KLG	20.4 0459358	
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-1-4	NED NEEL 0 QUARANTI EXPI	D, AZIDE RED NO KLG	20.4 0459359	_
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-1-4	NED NEEI 0 QUARANTI EXPI	D, AZIDE RED NO KLG	20.4 0459360	_
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552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-1-4	0 QUARANTI EXPI NED NEEL	RED NO KLG D. AZIDE	20.4 0459361	ב
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-1-4	0 QUARANTI EXPI NED NEE	RED NO KLG D, AZIDE	20.4 0459362	
552	Ammonium Chloride-	2-0612-2919-00	LPE	E-1-4	0 QUARANTI EXPI	RED NO KLG	20.4 0459363	
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-1-4	NED NEEI 0 QUARANTI EXPI	D, AZIDE RED NO KLG	20.4 0459364	,
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-1-4	NED NEED 0 QUARANTI EXPI	D, AZIDE RED NO KLG	20.4 0459365	
	<technical></technical>		WAREHOUSE		NED NEE	D, AZIDE		C
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-1-4		D, AZIDE	20.4 0459366	
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-1-4	0 QUARANTI EXPI NED NEEI	RED NO KLG D, AZIDE	20.4 0459367	
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-1-4	0 QUARANTI EXPI		20.4 0459368	Ε
552	Ammonium Chloride-	2-0612-2919-00	LPE	E-1-4	0 QUARANTI EXPI	RED NO KLG	20.4 0459369	_
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-1-4	NED NEEI 0 QUARANTI EXPI	D, AZIDE RED NO KLG	20.4 0459370	_
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-1-4	NED NEEL 0 QUARANTI EXPI	D, AZIDE		
	<technical></technical>		WAREHOUSE		NED NEE	D, AZIDE	20.4 0459371	
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-1-4	0 QUARANTI EXPI NED NEEI	RED NO KLG D, AZIDE	20.4 0459372	
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-1-4	0 QUARANTI EXPI NED NEEL	RED NO KLG D, AZIDE	20.4 0459373	
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE	E-1-4	0 QUARANTI EXPI	RED NO KLG	20.4 0459374	
552	Ammonium Chloride-	2-0612-2919-00	WAREHOUSE LPE	E-1-4	0 QUARANTI EXPI	D, AZIDE RED NO KLG	20.4 0459375	_
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	F-4-5	NËD NEEI 0 QUARANTI EXPI	D, AZIDE RED NO KLG	20.4 0459376	
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	F-4-5		D, AZIDE	20.4 0459377	
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552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-4-5	0 QUARANTI EXPI NED NEE	RED NO KLG D, <i>AZI</i> DE	20.4 0459378	C
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-4-5	0 QUARANTI EXPI NED NEEL	RED NO KLG D, AZIDĒ	20.4 0459379	
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-1-3	0 QUARANTI EXPI		20.4 0459177	
552	Ammonium Chloride-	2-0612-2919-00	LPE	F-1-3	0 QUARANTI EXPI	RED NO KLG	20.4 0459178	-
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	F-1-3	NED NEEI 0 QUARANTI EXPI	D, AZIDE RED NO KLG	20.4 0459179	
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	F-1-4		D, AZIDE	20.4 0459180	
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552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-1-4	0 QUARANTI EXPI NED NEEL	RED NO KLG D. AZIDE	20.4 0459181	0
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-1-4	0 QUARANTI EXPI NED NEEL	RED NO KLG D, AZIDE	20.4 0459182	C
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-1-4	0 QUARANTI EXPI		20.4 0459183	
552	Ammonium Chloride-	2-0612-2919-00	LPE	F-1-4	0 QUARANTI EXPI	RED NO KLG	20.4 0459184	-
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	F-1-4	NED NEEI 0 QUARANTI EXPI	D, AZIDE RED NO KLG	20.4 0459185	
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	<technical></technical>		WAREHOUSE		NED NEE	D, AZIDE		
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAR E HOUSE	F-1-4		D. AZIDE	20.4 0459187	C
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHQUSE	F-1-4	0 QUARANTI EXPI NED NEEI	RED NO KLG D, AZIDE	20.4 0459188	
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-1-4	0 QUARANTI EXPI		20.4 0459189	
552	Ammonium Chloride-	2-0612-2919-00	LPE	F-1-4	0 QUARANTI EXPI	RED NO KLG	20.4 0459190	п
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	F-1-4	NED NEEI 0 QUARANTI EXPI	D, AZIDE RED NO KLG	20.4 0459191	-
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	F-1-4		D, AZIDE	20.4 0459192	C
	<technical></technical>		WAREHOUSE		NED NEED	D, AZIDE		C
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-1-4		D, AZIDE	20.4 0459193	
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-1-4	0 QUARANTI EXPI NED NEEL	RED NO KŁG D, AZIDE	20.4 0459194	
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-1-4	0 QUARANTI EXPI	RED NO KLG	20.4 0459195	
552	Ammonium Chloride-	2-0612-2919-00	LPE	F-1-4	0 QUARANTI EXPI		20.4 0459196	_
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	F-1-4	NEO NEÉI O QUARANTI EXPI	D, AZIDE RED NO KLG	20.4 0459197	L
	<technical></technical>		WAREHOUSE			D, AZIDE		C

552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-1-4	0 QUARANTI EXP NED NEE	PIRED NO P ED, AZIDE	KLG	20.4 0459198	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	F-1-4	0 QUARANTI EXP	PIRED NO K	KLG	20.4 0459199	ח
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	F-1-4	NED NEE 0 QUARANTI EXF	ED, AZIDE PIRED NO 14	KLG	20.4 0459200	_
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552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-1-4	0 QUARANTI EXP NED NEE	PIRED NO P ED, AZIDE	KLG	20.4 0459201	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	F-1-4	0 QUARANTI EXF	PIRED NO H	KLG	20.4 0459202	D
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EE0	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E 4 4	NED NEE	ED, AZIDE	4.6	20.4 0459204	U
552	<technical></technical>	2-0612-2819-00	WAREHOUSE	F-1-4		ED, AZIDE	KLG	20.4 0459204	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-1-4	0 QUARANTI EXP	PIRED NO F ED, AZIDE	KLG	20.4 0459205	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	F-1-4	0 QUARANTI EXP	PIRED NO F	(LG	20.4 0459206	Đ
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	F-1-4	NED NEE 0 QUARANTI EXP	ED, AZIDE PIREDINO I	KLG	20.4 0459207	
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552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-1-4	0 QUARANTI EXP	PIRED NO P ED, AZIDE	KLG	20.4 0459208	D
552	Ammonium Chloride-	2-0612-2919-00	LPE WAREHOUSE	F-1-4	0 QUARANTI EXP	PIRED NO	KLG	20.4 0459209	Ď
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	LPE	F-1-4	NED NEE 0 QUARANTI EXP	ED, AZIDE PIRED NO 1	(LG	20.4 0459210	_
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552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-1-4	0 QUARANTI EXP	PIRED NO F ED, AZIDE	KLG	20.4 0459212	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	F-1-4	0 QUARANTI EXP	PIRED NO P	KLG	20.4 0459213	D
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552	Ammonium Chloride-	2-0612-2919-00	LPE	F-1-4	0 QUARANTI EXP	PIRED NO I	KLG	20.4 0459220	D
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552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-1-4	0 QUARANTI EXF	ED, AZIDE	KLG	20.4 0459222	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-2-3	0 QUARANTI EXF	PIRED NO F	KLG	20.4 0459088	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	E-2-3	0 QUARANTI EXF		KLG	20.4 0459089	D
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-2-3	NED NEE 0 QUARANTI EXF	ED, AZIDE	KLG	20.4 0459090	_
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552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-2-3	0 QUARANTI EXF	PIRED NO P ED, AZIDÉ	KLG	20.4 0459091	D
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552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-2-3	NED NEE 0 QUARANTI EXF	ED, AZIDE PIRED NO 1	KLG	20.4 0459094	_
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-2-3		ED, AZIDE	KLG	20.4 0459095	D
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552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-2-3	0 QUARANTI EXP NED NEE	PIRED NO F ED, AZIDE	KLG	20.4 0459099	D
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552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	F-4-5	NED NEE 0 QUARANTI EXF	ED, AZIDE PIRED NO #	KLG	20.4 0459415	_
550	<technical></technical>	2-0612-2919-00	WAREHOUSE LPE		NED NEE	ED, AZIDE			D
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552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	F-4-5	NED NEE 0 QUARANTI EXF	ED, AZIDE PIREDINO I	KLG	20.4 0459419	_
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552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	F-4-5	NED NEE 0 QUARANTI EXP	ED, AZIDË PIRED NO 14	KLG	20.4 0459424	_
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552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-4-5	0 QUARANTI EXF	PIRED NO P ED, AZIDE	KLG	20.4 0459425	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-4-5	0 QUARANTI EXP NED NEE	PIRED NO F ED, AZIDĒ	KLG	20.4 0459426	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	F-4-5	0 QUARANTI EXF	PIRED NO P	KLG	20.4 0459427	D
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	F-4-5	NED NEE	ED, AZIDE PIREDINO I	KLG	20.4 0459428	
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552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-4-5	0 QUARANTI EXP NED NEE	PIRED NO F ED, AZIDE	KLG	20.4 0459380	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-4-5	0 QUARANTI EXF	PIRED NO F ED, AZIDE	KLG	20.4 0459381	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	F-4-5	0 QUARANTI EXP	PIRED NO P	KLG	20.4 0459382	D
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	F-4-5	NED NEE 0 QUARANTI EXF	ED, AZIDE PIRED NO 1	KLG	20.4 0459383	
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552	Ammonium Chloride-	2-0612-2919-00	LPE	F-4-5	0		EXPIRED NO	KLG	20.4 0459384	n
	<technical></technical>		WAREHOUSE		_	NED	NEED, AZIDE			-
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-4-5	0	QUARANTI NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459385	D
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552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-4-5	0		EXPIRED NO	KLG	20.4 0459413	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	F-4-5	0	NED	NEED, AZIDE EXPIRED NO	KLG	20.4 0459387	
***	<technical></technical>		WAREHOUSE			NED	NÉED, AZIDE		24.7 4 100001	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	F-4-5	0		EXPIRED NO	KLG	20.4 0459388	D
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	F-4-5	٥	NED	NEED, AZIDE EXPIRED NO	KLG	20.4 0459389	-
332	<technical></technical>	2-0012-2919-00	WAREHOUSE	F=4-5	U	NED	NEED, AZIDE	KLG	20.4 0438368	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	F-4-5	0	QUARANTI	EXPIRED NO	KLG	20.4 0459390	D
550	<technical></technical>	0.0040.0040.00	WAREHOUSE			NED	NEED, AZIDE	10.0	00.4.0450004	·
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-4-5	U	NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459391	D
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552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-4-5	0	QUARANTI NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459414	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	F-4-5	0		EXPIRED NO	KLG	20.4 0459393	_
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552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	F-4-5	٥	NED	NEED, AZIDE EXPIRED NO	KLG	20.4 0459395	
***	<technical></technical>	2 00 12 20 10 00	WAREHOUSE		·	NED	NEED, AZIDE	1120	20.4 0 100000	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	F-4-5	0		EXPIRED NO	KLG	20.4 0459396	D
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	F-4-5	٥	NED	NEED, AZIDE EXPIRED NO	KLG	20.4 0459397	
JJ2	<technical></technical>	2-0012-2918-00	WAREHOUSE	14-5	٥	NED	NEED, AZIDE	REG	20.4 0408387	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	F-4-5	0		EXPIRED NO	KLG	20.4 0459398	٥
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	5.45	۸	NED	NEED, AZIDE EXPIRED NO	KI C	20.4.0450200	
552	<technical></technical>	2-0012-2919-00	WAREHOUSE	F-4-5	U	NED	NEED, AZIDE	KLG	20.4 0459399	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	F-4-5	0	QUARANTI	EXPIRED NO	KLG	20.4 0459400	D
550	<technical> Ammonium Chloride-</technical>		WAREHOUSE			NED	NEED, AZIDE			-
552	Ammonium Chionde- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-4-5	0	NED NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459401	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	F-4-5	0		EXPIRED NO	KLG	20.4 0459402	_
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552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-4-5	0	QUARANT! NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459403	D
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552	Ammonium Chloride-	2-0612-2919-00	WAREHOUSE LPE	F-4-5	0	NED OLIARANTI	NEED, AZIDE EXPIRED NO	KLG	20.4 0459406	
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552	Ammonium Chloride-	2-0612-2919-00	LPE	F-4-5	0		EXPIRED NO	KLG	20.4 0459407	D
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	F-4-5	٨	NED	NEED, AZIDE EXPIRED NO	KLG	20.4 0459408	_
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550	<technical></technical>	2 2242 2242 22	WAREHOUSE	F 4 F		NED	NEED, AZIDE	10.0		D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-4-5	U	NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459410	D
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552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-4-5	0	QUARANTI NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459412	D
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552	Ammonium Chloride-	2-0612-2919-00	WAREHOUSE LPE	E-4-8	٥	NED	NEED, AZIDE EXPIRED NO	KLG	20.4 0459276	
502	<technical></technical>	2-0012 2010-00	WAREHOUSE	2-4-0	٠	NED	NEED, AZIDE	REG	20.4 0439270	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	E-4-8	0		EXPIRED NO	KLG	20.4 0459277	D
552	<technical> Ammonium Chloride-</technical>	2.0612.2010.00	WAREHOUSE LPE	E-4-6	٥	NED	NEED, AZIDE EXPIRED NO	KI C	20.4.0450279	_
332	<technical></technical>	2-0612-2919-00	WAREHOUSE	E-4-0	U	NED	NEED, AZIDE	KLG	20.4 0459278	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	E-4-6	0		EXPIRED NO	KLG	20.4 0459279	D
552	<technical> Ammonium Chloride-</technical>	2.0612.2010.00	WAREHOUSE	E 4 6	0	NED	NEED, AZIDE EXPIRED NO	N/C	20.4 0459280	_
552	<technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-4-6	U	NED NED	NEED, AZIDE	KLG	20.4 0409280	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	E-4-6	0	QUARANTI	EXPIRED NO	KLG	20.4 0459281	D
550	<technical></technical>	0.0040.0040.00	WAREHOUSE	5.40		NED	NEED, AZIDE	10.0		-
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-4-6	U	NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459282	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	E-4-6	0		EXPIRED NO	KLG	20.4 0459283	_
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552	Ammonium Chloride-	2-0612-2919-00	LPE	E-4-6	0	QUARANTI	EXPIRED NO	KLG	20.4 0459285	_
550	<technical></technical>	0.0040.004	WAREHOUSE	5.40		NED	NEED, AZIDE	=	00.4.04=====	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-4-6	0	QUARANTI NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459286	D
552	Ammonium Chloride	2-0612-2919-00	LPE	E-4-6	0		EXPIRED NO	KLG	20.4 0459287	_
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552	Ammonium Chloride-	2-0612-2919-00	LPE	E-4-6	0		EXPIRED NO	KLG	20.4 0459288	D
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-4-6	n	NED	NEED, AZIDE EXPIRED NO	KLG	20.4 0459289	
	<technical></technical>		WAREHOUSE			NED	NEED, AZIDE		20.7 0400200	Ď
552	Ammonium Chloride-	2-0612-2919-00	LPE	E-4-6	0	QUARANTI	EXPIRED NO	KLG	20.4 0459290	D
552	<technical></technical>	2,0612 2010 00	WAREHOUSE LPE	E-4-6	^	NED	NEED, AZIDE	KI C	20.4.0450204	J
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	WAREHOUSE	E-4-6	U	NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459291	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	E-4-6	0	QUARANTI	EXPIRED NO	KLG	20.4 0459292	D
552	<technical> Ammonium Chloride-</technical>	2,0612 2010 00	WAREHOUSE LPE	E 4.6	,	NED	NEED, AZIDE	KI C	20.4.0450000	U
552	Ammonium Chionde- <technical></technical>	2-0612-2919-00	WAREHOUSE	E-4-6	U	QUARANTI NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459293	D

552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-4-6			EXPIRED NO NEED, AZIDE	KLG	20.4 0459294	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	E-4-6	0	QUARANTI	EXPIRED NO	KLG	20.4 0459295	Đ
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-4-6			NEED, AZIDE EXPIRED NO	KLG	20.4 0459296	
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552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-4-6			EXPIRED NO NEED, AZIDE	KLĠ	20.4 0459297	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	E-4-6	0	QUARANTI	EXPIRED NO	KLG	20.4 0459298	D
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-4-6			NEED, AZIDE EXPIRED NO	KLG	20.4 0459299	
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552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-4-6			EXPIRED NO NEED, AZIDE	KLG	20.4 0459300	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	E-4-6			EXPIRED NO	KLG	20.4 0459301	D
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550	<technical></technical>	2-0612-2919-00	WAREHOUSE	F 4 4		NED	NEED, AZIDE	VI C	20.4.0450224	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-1-4		NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459224	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-1-4		QUARANTI NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459225	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	F-1-4	0	QUARANTI	EXPIRED NO	KLG	20.4 0459226	D
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	F-1-4		NED QUARANTI	NEED, AZIDE EXPIRED NO	KLG	20.4 0459227	
	<technical></technical>		WAREHOUSE			NED	NEED, AZIDE			D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	F-1-4		QUARANTI NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459228	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	E-4-8	0	QUARANTI	EXPIRED NO	KLG	20.4 0459229	D
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-4-8			NEED, AZIDE EXPIRED NO	KLG	20.4 0459230	
	<technical></technical>		WAREHOUSE			NED	NEED, AZIDE			D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-4-8		QUARANTI NED	NEED, AZIDE	KLG	20.4 0459231	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	E-4-8	0	QUARANTI	EXPIRED NO	KLG	20.4 0459232	D
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-4-8		NED QUARANTI	NEED, AZIDE EXPIRED NO	KLG	20.4 0459233	
	<technical></technical>		WAREHOUSE			NED	NEED, AZIDE			D
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552	Ammonium Chloride-	2-0612-2919-00	LPE	E-4-8	0		EXPIRED NO	KLG	20.4 0459235	D
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-4-8	0	NED QUARANTI	NEED, AZIDE EXPIRED NO	KLG	20.4 0459236	_
560	<technical></technical>	0.0010.0010.00	WAREHOUSE	5.40		NED	NEED, AZIDE	KI O	20.4.0450207	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-4-8	U	NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459237	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-4-8	0	QUARANTI NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459238	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	E-4-8	0		EXPIRED NO	KLG	20.4 0459239	D
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-4-8	•	NED	NEED, AZIDE EXPIRED NO	KLG	20.4 0459240	U
332	<technical></technical>	2-0012-2919-00	WAREHOUSE			NED	NEED, AZIDE			D
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552	Ammonium Chloride-	2-0612-2919-00	LPE	E-4-8	0	QUARANTI	EXPIRED NO	KLG	20.4 0459242	D
552	<techn cal=""> Ammonium Chloride-</techn>	2-0612-2919-00	WAREHOUSE LPE	E-4-8	o.	NED	NEED, AZIDE EXPIRED NO	KLG	20.4 0459243	
	<technical></technical>		WAREHOUSE			NED	NEED, AZIDE			D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-4-8	0	QUARANTI NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459244	D
552	Ammonium Chloride-	2-0612-2919-00	LPE	E-4-8	0		EXPIRED NO	KLG	20.4 0459245	D
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-4-8	0	NED QUARANTI	NEED, AZIDE EXPIRED NO	KLG	20.4 0459246	_
550	<technical></technical>		WAREHOUSE	5.40		NED	NEED, AZIDE	1/1.0	20.4.0450047	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-4-8	Ü	NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459247	D
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552	Ammonium Chloride-	2-0612-2919-00	LPE	E-4-8	0	QUARANTI	EXPIRED NO	KLG	20.4 0459249	n
552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-4-8	0	OHARANTI	NEED, AZIDE EXPIRED NO	KLG	20.4 0459250	
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552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-4-8	0	QUARANTI NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459251	D
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552	<technical> Ammonium Chloride-</technical>	2-0612-2919-00	WAREHOUSE LPE	E-4-8	0	NED QUARANTI	NEED, AZIDE EXPIRED NO	KLG	20.4 0459253	_
	<technical></technical>	0.0040.0040.00	WAREHOUSE	5 40		NED	NEED, AZIDE EXPIRED NO		20.4.0450254	D
552	Ammonium Chioride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-4-8	U	NED	NEED, AZIDE	KLG	20.4 0459254	D
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552	Ammonium Chloride-	2-0612-2919-00	LPE	E-4-8	0	QUARANT	EXPIRED NO	KLG	20.4 0459256	D
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	<technical></technical>		WAREHOUSE			NED	NEED, AZIDE			D
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302	<technical></technical>	2-0012-2010-00	WAREHOUSE		U	NED	NEED, AZIDE		20.7 0408201	D

552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-4-8	0 QUARANTI NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459268	D
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552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-4-8	0 QUARANTI NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459270	D
552	Ammonium Chloride- <technical></technical>	2-0612-2919-00	LPE WAREHOUSE	E-4-8	0 QUARANTI NED	EXPIRED NO NEED, AZIDE	KLG	20.4 0459271	D
	Ammonium Chloride-							6589.2	
565	L-tert-Leucine	2-0701-3306-00	LPE	E-2-6	0 QUARANTI	EXPIRED	KLG	31 0465401	D
	L-tert-Leucine Total							31	
566	Dicyclohexylamine	2-0701-3372-00	LPE	G-2-6	0 QUARANTI	EXPIRED	KLG	75 0465851	D
	Dicyclohexylamine Total							75	
	Grand Total							25165	



PPG INDUSTRIES, INC. FINE CHEMICALS – LA PORTE, TX

TITLE: 4-piperidone HCI monohydrate

DOCUMENT #: RM 588

REVISION DATE: 3/23/2009

PAGE 1 OF 1

Item Code Number: 588 Item Name: 4-piperidone HCl monohydrate

Synonyms: 4,4-Piperidinediol hydrochloride Item Grade: Commercial

Re-Evaluation Period: 1 year

Storage Code:

Chem. Formula: C₅H₉NO.HCl.H₂O

Molecular Wt: 153.61

CAS: 40064-34-4

Approved Suppliers

Manufacturer

D&O

Vasudha Pharma Chem Limited

Safety/Sampling/Retainer Requirements:

SHIS:

Test Name	Method Number	Acceptance Ranges
APPEARANCE	QC-TM-015	Pale yellow to light brown powder
IDENTIFICATION (FTIR)	QC-OP-006	Conforms to Standard Spectrum
Assay (TLC)	QC-TM-412	Consistent with 99% Standard
ASSAY (Silver Nitrate Titration)	QC-TM-413	NLT 99.0%
Water wt% (Karl Fisher)	QC-EQ-011	10.7 – 12.7%



PPG INDUSTRIES, INC. FINE CHEMICALS – LA PORTE, TX

TITLE: 4-piperidone HCI monohydrate

DOCUMENT #: RM 588

REVISION DATE: 3/23/2009

PAGE 1 OF 1

Item Code Number: 588 Item Name: 4-piperidone HCl monohydrate

Synonyms: 4,4-Piperidinediol hydrochloride Item Grade: Commercial

Re-Evaluation Period: 1 year

Storage Code:

Chem. Formula: C₅H₉NO.HCl.H₂O

Molecular Wt: 153.61

CAS: 40064-34-4

Approved Suppliers

Manufacturer

D&O Vasudha Pharma Chem Limited

Safety/Sampling/Retainer Requirements:

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ASSAY (Silver Nitrate Titration)	QC-TM-413	NLT 99.0%
Water wt% (Karl Fisher)	QC-EQ-011	10.7 – 12.7%



Certificate of Analysis

Product: 037 CDI - Carbonyl Diimidazole **Sample ID**: 347695

Cntrs:

Order No.:

Lot: 2-0511-5857-00

Customer:

Destination:

Print Date: 2009-03-23 08:34AM

Cust. Order No.:

Test Description	UOM	Result	Min.	Max.	Test Status
Appearance	NONE	OFF-WHITE SOLID			PASS
Assay, GC wt%	%	81. 1	97. 0		FAIL
Color, APHA - CDI	NONE	22	0.00	100	PASS
Identity by FTIR	NONE	CONFORMS TO STANDARD SPECTRUM			PASS

Manufacturing / Packaging Date: Sep	tember 25, 2007	Retest Date:	September 18, 2008	
QC Authorization:	Date:			
Title:				
i de la companya de la companya de la companya de la companya de la companya de la companya de la companya de				



Certificate of Analysis

Product: 037 CDI - Carbonyl Diimidazole

Sample ID: 347698

Order No.:

Lot: 2-0511-5856-00

Cntrs:

Customer:

Destination:

Print Date: 2009-03-23 08:34AM

Cust. Order No.:

Test Description	UOM	Result	Min.	Max.	Test Status
Appearance	NONE	OFF-WHITE SOLID			PASS
Assay, GC wt%	%	88. 9	97. 0		FAIL
Color, APHA - CDI	NONE	27	0. 00	100	PASS
Identity by FTIR	NONE	CONFORMS TO STANDARD SPECTRUM			PASS

Manufacturing / Packaging Date: September 25, 2007 Retest Date: July 28, 2009

QC Authorization: _____ Date:____ Title: ___



Certificate of Analysis

Product: 037

CDI - Carbonyl Diimidazole

Sample ID: 347700

Order No.:

Lot: 2-0511-6202-00

Cntrs:

Customer:

Destination:

Print Date: 2009-03-23 08:35AM

Cust. Order No.:

Test Description	UOM	Result	Min.	Max.	Test Status
Appearance	NONE	OFF-WHITE SOLID			PASS
Assay, GC wt%	%	89. 5	97. 0		FAIL
Color, APHA - CDI	NONE	20	0.00	100	PASS
Identity by FTIR	NONE	CONFORMS TO STANDARD SPECTRUM			PASS

Manufacturing / Packaging Date: September 25, 2007	Retest Date: September 18, 2008
QC Authorization: Dat	e:
Title:	



Certificate of Analysis

Product: 037
CDI - Carbonyl Diimidazole

Sample ID: 347704

Lot: 2-0607-0503-00

Cntrs:

Order No.:

Customer:

Destination:

Print Date: 2009-03-23 08:36AM

Cust. Order No.:

Test Description	иом	Result	Min.	Max.	Test Status
Appearance	NONE	OFF-WHITE SOLID			PASS
Assay, GC wt%	%	96. 9	97. 0		FAIL
Color, APHA - CDI	NONE	40	0. 00	100	PASS
Identity by FTIR	NONE	CONFORMS TO STANDARD SPECTRUM			PASS

Manufacturing / Packaging Date: July 30, 2006	Retest Date: July 28, 2009
QC Authorization:	Date:
Title:	



Certificate of Analysis

Product: 037 CDI - Carbonyl Diimidazole

Sample ID: 347710

Order No.:

Lot: 2-0803-9412-00

Cntrs:

Customer:

Destination:

Print Date: 2009-03-23 08:48AM

Cust. Order No.:

Test Description	UOM	Result	Min.	Max.	Test Status
Appearance	NONE	OFF-WHITE SOLID			PASS
Assay, GC wt%	%	92.0	97. 0		FAIL
Color, APHA - CDI	NONE	19	0. 00	100	PASS
Identity by FTIR	NONE	CONFORMS TO STANDARD SPECTRUM			PASS

Manufacturing / Packaging Date: March 5, 2	2008 Ke	etest Date: Febru	ary 3, 2009	
QC Authorization:	Date:			

Title: ___



SIGMA-ALDRICH

Material Safety Data Sheet

Version 3.0 Revision Date 08/24/2008 Print Date 01/06/2009

1. PRODUCT AND COMPANY IDENTIFICATION

Product name

: L-tert-Leucine

Product Number

: 61825

Brand

: Fluka

Company

: Sigma-Aldrich

3050 Spruce Street

SAINT LOUIS MO 63103

USA

Telephone

: +1 800-325-5832

Fax

: +1 800-325-5052

Emergency Phone #

(314) 776-6555

2. COMPOSITION/INFORMATION ON INGREDIENTS

Formula

: C6H13NO2

Molecular Weight

: 131.17 g/mol

CAS-No.	EC-No.	Index-No.	Concentration
L-tert-Leucine			
20859-02-3	-	_	-

3. HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazards

No known OSHA hazards

HMIS Classification

Health Hazard: Flammability:

0

Physical hazards:

0

NFPA Rating

Health Hazard:

0

Fire:

Õ

Reactivity Hazard:

0

Potential Health Effects

Inhalation Skin May be harmful if inhaled. May cause respiratory tract irritation. May be harmful if absorbed through skin. May cause skin irritation.

Eyes

May cause eye irritation.

Ingestion

May be harmful if swallowed.

4. FIRST AID MEASURES

Fluka - 61825

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Page 1 of

If inhaled

If breathed in, move person into fresh air. If not breathing give artificial respiration

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

5. FIRE-FIGHTING MEASURES

Flammable properties

Flash point no data available Ignition temperature no data available

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Avoid dust formation.

Environmental precautions

Do not let product enter drains.

Methods for cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Handling

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Storage

Keep container tightly closed in a dry and well-ventilated place.

Keep in a dry place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

For prolonged or repeated contact use protective gloves.

Eye protection

Safety glasses

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Page 2 of

Hygiene measures

General industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form

powder

Colour

white

Safety data

Нq

no data available

Melting point

>= 300 °C (>= 572 °F)

Boiling point

no data available

Flash point

no data available

Ignition temperature

no data available

Lower explosion limit

no data available

Upper explosion limit

no data available

Water solubility

no data available

10. STABILITY AND REACTIVITY

Storage stability

Stable under recommended storage conditions.

Materials to avoid

Strong oxidizing agents

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx)

11. TOXICOLOGICAL INFORMATION

Acute toxicity

no data available

Irritation and corrosion

no data available

Sensitisation

no data available

Chronic exposure

IARC:

No component of this product present at levels greater than or equal to 0.1% is identified as

probable, possible or confirmed human carcinogen by IARC.

ACGIH:

No component of this product present at levels greater than or equal to 0.1% is identified as

a carcinogen or potential carcinogen by ACGIH.

NTP:

No component of this product present at levels greater than or equal to 0.1% is identified as

a known or anticipated carcinogen by NTP.

OSHA:

No component of this product present at levels greater than or equal to 0.1% is identified as

Fluka - 61825

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Page 3 of

a carcinogen or potential carcinogen by OSHA.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Potential Health Effects

Inhalation

May be harmful if inhaled. May cause respiratory tract irritation.

Skin

May be harmful if absorbed through skin. May cause skin irritation.

Eyes

May cause eye irritation.

Ingestion

May be harmful if swallowed.

12. ECOLOGICAL INFORMATION

Elimination information (persistence and degradability)

no data available

Ecotoxicity effects

no data available

Further information on ecology

no data available

13. DISPOSAL CONSIDERATIONS

Product

Observe all federal, state, and local environmental regulations.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION

OSHA Hazards

No known OSHA hazards

DSL Status

This product contains the following components that are not on the Canadian DSL nor NDSL lists.

CAS-No.

L-tert-Leucine

20859-02-3

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Fluka - 61825

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Page 4 of

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA Hazards

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

L-tert-Leucine CAS-No. 20859-02-3

New Jersey Right To Know Components

CAS-No. Revision Date L-tert-Leucine 20859-02-3

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

16. OTHER INFORMATION

Further information

Copyright 2008 Sigma-Aldrich Co. License granted to make unlimited paper copies for internal use only. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Co., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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Fluka - 61825

Page 5 of

Revision Date

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CAN CON SECT
AS product?
(light Entis)





Health	1
Fire	3
Reactivity	0
Personal Protection	G

Material Safety Data Sheet n-heptane MSDS

Section 1: Chemical Product and Company Identification

Product Name: n-heptane

Catalog Codes: SLH2152, SLH2998, SLH1675, SLH1948

CAS#: 142-82-5

RTECS: MI7700000

TSCA: TSCA 8(b) inventory: n-heptane

CI#: Not available.

Synonym: Dipropyl methane; Heptyl hydride

Chemical Name: Heptane

Chemical Formula: C7H16

Contact Information:

Sciencelab.com, Inc. 14025 Smith Rd.

Houston, Texas 77396

US Sales: 1-800-901-7247

International Sales: 1-281-441-4400

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call:

1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Toxicological Data on Ingredients: n-heptane: VAPOR (LC50): Acute: 103000 mg/m 4 hours [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available.
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.
DEVELOPMENTAL TOXICITY: Not available.

The substance may be toxic to lungs, peripheral nervous system, upper respiratory tract, skin, central nervous system (CNS)

Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact:

In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact: Not available.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.

Serious Inhalation:

Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Ingestion:

If swallowed, do NOT induce vomiting. Never give anything by mouth to an unconscious person. Aspiration hazard if swallowed- can enter lungs and cause damage. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Flammable.

Auto-Ignition Temperature: 203.89°C (399°F) - 223 C (433 F)

Flash Points: CLOSED CUP: -4°C (24.8°F). (TAG) OPEN CUP: -1.1111°C (30°F).

Flammable Limits: LOWER: 1.05% UPPER: 6.7%

Products of Combustion: These products are carbon oxides (CO, CO2).

Fire Hazards in Presence of Various Substances: Highly flammable in presence of open flames and sparks, of heat.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Slightly explosive in presence of heat.

Fire Fighting Media and Instructions:

Flammable liquid, insoluble in water. SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray or fog.

Special Remarks on Fire Hazards:

Flaming occurs when liquid chlorine in n-Heptane is added to added to red phosphorous.

Vapors may form explosive mixtures with air.

Vapor may travel considerable distance to source of ignition and flash back.

Special Remarks on Explosion Hazards: Vapors may form explosive mixtures in air.

Section 6: Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill:

Flammable liquid, insoluble in water.

Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:

Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.

Storage:

Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

Section 8: Exposure Controls/Personal Protection

Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:

Safety glasses. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:

TWA: 500 (ppm) from OSHA (PEL) [United States]
TWA: 2000 (mg/m3) from OSHA (PEL) [United States]

TWA: 350 CEIL: 1800 (mg/m3) from NIOSH [United States] TWA: 85 CEIL: 440 (ppm) from NIOSH [United States]

TWA: 400 STEL: 500 (ppm) from ACGIH (TLV) [United States]

TWA: 500 (ppm) [United Kingdom (UK)] TWA: 400 STEL: 500 (ppm) [Canada] TWA: 1640 STEL: 2049 (mg/m3) [Canada] TWA: 400 STEL: 500 (ppm) [Belgium]

TWA: 200 (ppm) [Norway]

TWA: 300 STEL: 500 (ppm) [Finland]

TWA: 500 (ppm) [Austria] Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Hydrocarbon. Gasoline-like

Taste: Not available.

Molecular Weight: 100.21 g/mole

Color: Clear Colorless.

pH (1% soln/water): Not applicable.

Boiling Point: 98.4 (209.1°F)

Melting Point: -90.7°C (-131.3°F)

Critical Temperature: Not available.

Specific Gravity: 0.6838 (Water = 1)

Vapor Pressure: 5.3 kPa (@ 20°C)

Vapor Density: 3.5 (Air = 1)

Volatility: Not available.

Odor Threshold: 150 ppm

Water/Oil Dist. Coeff.: The product is more soluble in oil; log(oil/water) = 4.7

Ionicity (in Water): Not available.

Dispersion Properties: See solubility in water, diethyl ether, acetone.

Solubility:

Soluble in diethyl ether, acetone.

Insoluble in cold water. Soluble in alcohol.

Solubility in Chloroform, Petroleum Ether, Ether, Acetone: >10%

Floats on water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Heat, ignition sources (flames, sparks), incompatible materials

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Not considered to be corrosive for metals and glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Inhalation.

Toxicity to Animals:

WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE.

Acute toxicity of the vapor (LC50): 103000 mg/m3 4 hours [Rat].

Chronic Effects on Humans:

May cause damage to the following organs: lungs, peripheral nervous system, upper respiratory tract, skin, central nervous system (CNS).

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects:

Skin: Causes skin irritation. It can be absorbed through the skin.

Eyes: Contact with liquid may cause eye irritation. Contact with vapors is not expected to cause eye irritation. Inhalation: Inhalation of vapor or mist causes respiratory tract and mucous membrane irritation. It can affect behavior/central nervous system and cause central nervous system effects (mild excitement followed CNS depression which is characterized by headache, nausea, dizziness, hilarity, hallucinations, lightheadness, distorted perceptions, convulsions, weakness, loss of judgement and coordination, narcosis, semi-conciousness, coma and death at higher doses). It may cause cardiac effects (irregular heartbeat/cardiac arrhythmias, or heart to stop beating), and pulmonary edema. It is readily absorbed by the inhalation route.

Ingestion: Causes gastrointestinal tract irritation with nausea, vomiting, swelling of the abdomen. Aspiration into the lungs can produce chemical pneumonitis. It can also affect behavior/central nervous system with symptoms paralleling those of inhalation.

Chronic Potential Health Effects:

Skin: Prolonged or repeated skin contact can defat the skin and product irritation and dermatitis.

Inhalation: Repeated or prolonged inhalation may affect behavior/central nervous system (symptoms similar to acute inhalation) and may produce minimal peripheral nerve damage (polyneuropathy) with numbness and tingling of the extremities in a stocking-and -glove pattern. Reversible of polyneuropathy as been reversible by a year following removal from exposure. It may also affect the brain, blood (anemia), and hearing (mild change in auditory threshold), and may also cause weight loss,

Ingestion: Prolonged or repeated ingestion may affect the liver, urinary system, blood (changes in blood serum compostion).

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: CLASS 3: Flammable liquid.

Identification: : Heptane UNNA: 1206 PG: II

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

Federal and State Regulations:

Connecticut hazardous material survey.: n-heptane

Illinois toxic substances disclosure to employee act: n-heptane

Rhode Island RTK hazardous substances: n-heptane

Pennsylvania RTK: n-heptane

Minnesota: n-heptane

Massachusetts RTK: n-heptane Massachusetts spill list: n-heptane

New Jersey: n-heptane

California Director's List of Hazardous Substances: n-heptane

TSCA 8(b) inventory: n-heptane

TSCA 4(a) proposed test rules: n-heptane

TSCA 8(d) H and S data reporting: n-heptane: Effective date: 1/26/94; Sunset date: 6/30/98

Other Regulations:

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada):

CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F).

CLASS D-2B: Material causing other toxic effects (TOXIC).

DSCL (EEC):

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 3

Reactivity: 0

Personal Protection: g

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 3

Reactivity: 0

Specific hazard:

Protective Equipment:

Gloves.

Lab coat.

Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.

Safety glasses.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

Created: 10/09/2005 05:42 PM

Last Updated: 11/06/2008 12:00 PM

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MSDS Number: P0154 * * * * * Effective Date: 02/01/07 * * * * * Supercedes: 06/16/04

24 Hour Emergency Telephone: 908-859-2151 CHENTREC 1-800-424-9300 MSDS Material Safety Data Sheet Outside U.S. and Canado Chemtree: 703-527-3867 Mallinckrodt CHEMICALS NOTE: CHEMITEC. CANUTED and National Response Center emergency numbers to be used only in the event of chemical emergences involving a spill, ledk, tree, exposure or account 222 Red School Lane Phillipsburg, NJ 08865 All non-emergency questions should be directed to Cuttomer Service (1.500 582-2537) for assistance

PARAFORMALDEHYDE

1. Product Identification

Synonyms: Polyoxymethylene; metaformaldehyde; paraform; formagene

CAS No.: 30525-89-4 Molecular Weight: 600 Chemical Formula: (CH2O) n

Product Codes: J.T. Baker: S898 Mallinckrodt: 2621

2. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
Paraformaldehyde	30525-89-4	100%	Yes

3. Hazards Identification

Emergency Overview

DANGER! MAY BE FATAL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. CAUSES IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT. SENSITIZER. SUSPECT CANCER HAZARD. EMITS FORMALDEHYDE WHICH MAY CAUSE CANCER. Risk of cancer depends upon duration and level of exposure. COMBUSTIBLE SOLID.

 $SAF\text{-}T\text{-}DATA^{(tm)} \text{ Ratings (Provided here for your convenience)}$

Health Rating: 3 - Severe (Cancer Causing)

Flammability Rating: 3 - Severe (Flammable)

Reactivity Rating: 1 - Slight Contact Rating: 3 - Severe

Lab Protective Equip: GOGGLES & SHIELD; LAB COAT & APRON; VENT HOOD; PROPER GLOVES; CLASS B EXTINGUISHER

Storage Color Code: Red (Flammable)

Potential Health Effects

Inhalation:

Highly irritating to upper respiratory tract. May cause inflammation of lining of nose, throat, and lungs with bronchopneumonia and edema possible from extremely irritating exposure.

Ingestion:

Causes severe irritation and inflammation of mouth, throat, and stomach. Severe stomach pains will follow with possible loss of consciousness. Skin Contact:

Contact with dust causes drying, cracking, and scaling,

Eye Contact:

Exposure to high vapor concentrations or contact with dust causes tearing and severe irritation. Contact with dust causes severe burns.

Chronic Exposure:

Prolonged and repeated contact may cause allergic dermatitis or asthma. May harm the kidneys.

Aggravation of Pre-existing Conditions:

No information found.

4. First Aid Measures

Inhalation:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Ingestion:

Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person.

Skin Contact:

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

Eye Contact:

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

5. Fire Fighting Measures

Fire:

Flash point: 70C (158F) CC

Autoignition temperature: 300C (572F) Flammable limits in air % by volume: lei: 7.0; uel: 73

Combustible solid.

Explosion:

Above flash point, vapor-air mixtures are explosive within flammable limits noted above. Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

Fire Extinguishing Media:

Water spray, dry chemical, alcohol foam, or carbon dioxide. Water spray may be used to keep fire exposed containers cool.

Special Information:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

6. Accidental Release Measures

Remove all sources of ignition. Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Clean up spills in a manner that does not disperse dust into the air. Use non-sparking tools and equipment. Reduce airborne dust and prevent scattering by moistening with water. Pick up spill for recovery or disposal and place in a closed container. US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802.

7. Handling and Storage

Store in a tightly closed container. Protect against physical damage. Outside or detached storage is preferred. Inside storage should be in a standard flammable liquids storage room or cabinet. Separate from oxidizing materials. Storage and use areas should be No Smoking areas. Wear special protective equipment (Sec. 8) for maintenance break-in or where exposures may exceed established exposure levels. Wash hands, face, forearms and neck when exiting restricted areas. Shower, dispose of outer clothing, change to clean garments at the end of the day. Avoid cross-contamination of street clothes. Wash hands before eating and do not eat, drink, or smoke in workplace. Avoid dust formation and control ignition sources. Employ grounding, venting and explosion relief provisions in accord with accepted engineering practices in any process capable of generating dust and/or static electricity. Empty only into inert or non-flammable atmosphere. Emptying contents into a non-inert atmosphere where flammable vapors may be present could cause a flash fire or explosion due to electrostatic discharge. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

8. Exposure Controls/Personal Protection

Airborne Exposure Limits:

Toxic formaldehyde gas may be produced if paraformaldehyde decomposes.

For Formaldehyde

- OSHA Permissible Exposure Limit (PEL) -

0.5 ppm (Action Level), 0.75 ppm (TWA), 2 ppm (STEL), Cancer-Suspect Agent.

- ACGIH Threshold Limit Value (TLV) -

0.3 ppm (STEL/Ceiling), A2 - Suspected human carcinogen.

Ventilation System:

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

Personal Respirators (NIOSH Approved):

If the exposure limit is exceeded and engineering controls are not feasible, a full facepiece respirator with a formaldehyde cartridge may be worn up to 50 times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. For emergencies or instances where the exposure levels are not known, use a full-facepiece positive-pressure, air-supplied respirator. WARNING: Air purifying respirators do not protect workers in oxygen-deficient atmospheres. Irritation also provides warning.

Skin Protection:

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Eye Protection:

Use chemical safety goggles and/or full face shield where dusting or splashing of solutions is possible. Maintain eye wash fountain and quick-drench facilities in work area.

Other Control Measures:

See OSHA Standard for more information on personal protective equipment, engineering and work practice controls, medical surveillance, record keeping, and

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reporting requirements. (29 CFR 1910.1048)

9. Physical and Chemical Properties

Appearance:

White powder

Odor:

Pungent formaldehyde odor.

Solubility:

Slightly soluble in cold water.

1.45 g/ml @ 15C (59F)

pH:

5% in water is neutral to litmus

% Volatiles by volume @ 21C (70F):

No information found.

Boiling Point:

Slowly sublimes to formaldehyde gas.

Melting Point: 120 - 170C (248 - 338F)

Vapor Density (Air=1):

Vapor Pressure (mm Hg):

1.4 @ 25C (77F)

Evaporation Rate (BuAc=1):

No information found

10. Stability and Reactivity

Stability:

Stable under ordinary conditions of use and storage. Releases formaldehyde gas slowly as it sublimes at room temperatures.

Hazardous Decomposition Products:

May form carbon dioxide, carbon monoxide, and formaldehyde when heated to decomposition

Hazardous Polymerization:

Will not occur.

Incompatibilities:

Caustics, strong alkalis, isocyanates, anhydrides, oxides and inorganic acids.

Conditions to Avoid:

Heat, flame, ignition sources, dusting and incompatibles.

11. Toxicological Information

Paraformaldehyde: Oral rat LD50: 800 mg/kg; Inhal.rat LC50: > 170 mg/m3/1H; irritation skin rabbit: 500 mg, severe; investigated as a mutagen. Formaldehyde: Oral rat LD50: 100 mg/kg; skin rabbit LD50: 270 mg/kg; inhalation rat LC50: 203 mg/m3; investigated as a tumorigen, mutagen, reproductive effector.

Formaldehyde cancer status: NTP Anticipated Carcinogen; IARC Category 2A; EPA/IRIS Group B1; OSHA Cancer-Suspect Agent.

\Cancer Lists\			
	NTP	Carcinogen	
Ingredient	Known	Anticipated	IARC Category
Paraformaldehyde (30525-89-4)	No	No	None

12. Ecological Information

Environmental Fate: No information found. **Environmental Toxicity:** No information found.

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport Information

Domestic (Land, D.O.T.)

Proper Shipping Name: PARAFORMALDEHYDE

Hazard Class: 4.1 UN/NA: UN2213 Packing Group: III

Information reported for product/size: 3KG

International (Water, I.M.O.)

Proper Shipping Name: PARAFORMALDEHYDE

Hazard Class: 4.1 UN/NA: UN2213 Packing Group: III

Information reported for product/size: 3KG

International (Air, I.C.A.O.)

Proper Shipping Name: PARAFORMALDEHYDE

Hazard Class: 4.1 UN/NA: UN2213 Packing Group: III

Information reported for product/size: 3KG

15. Regulatory Information

Paraformaldehyde (30525-89-4)					Yes
\Chemical Inventory Status - Part	2\				
Ingredient			DSL		Phil.
Paraformaldehyde (30525-89-4)				No	
\Federal, State & International R Ingredient	-SAR	A 302- TPQ	Lis	SAR st Che	A 313 mical Cato
Paraformaldehyde (30525-89-4)					
	egulat:			- T	
\Federal, State & International R Ingredient	CERCI		261.33	8 8	(d)

WARNING:

THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

Australian Hazchem Code: 1[Z]

Poison Schedule: S5

WHMIS:

This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

16. Other Information

NFPA Ratings: Health: 3 Flammability: 1 Reactivity: 0

Label Hazard Warning:

DANGER! MAY BE FATAL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. CAUSES IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT. SENSITIZER. SUSPECT CANCER HAZARD. EMITS FORMALDEHYDE WHICH MAY CAUSE CANCER. Risk of cancer depends upon duration and level of exposure. COMBUSTIBLE SOLID.

Label Precautions:

Do not breathe dust or vapor.

Do not get in eyes, on skin, or on clothing.

Keep container closed.

Use only with adequate ventilation.

Wash thoroughly after handling.

Keep away from heat, sparks and flame.

Label First Aid:

If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. In all cases call a physician.

Product Use:

Laboratory Reagent.

Revision Information:

MSDS Section(s) changed since last revision of document include: 3.

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Prepared by: Environmental Health & Safety Phone Number: (314) 654-1600 (U.S.A.)

HA2 DOQ2 MSDS Number: 10080 * * * * * Effective Date: 05/19/08 * * * * * Supercedes: 09/07/05



IMIDAZOLE

1. Product Identification

Synonyms: Glyoxaline; Iminazole; 1,3-Diaza-2,4-cyclopentadiene

CAS No.: 288-32-4 Molecular Weight: 68.08 Chemical Formula: C3H4N2 **Product Codes:**

J.T. Baker: N811 Mallinckrodt: 4337

2. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
Imidazole	288-32-4	90 - 100%	Yes

3. Hazards Identification

Emergency Overview

DANGER! CORROSIVE. CAUSES BURNS TO ANY AREA OF CONTACT. HARMFUL IF SWALLOWED OR INHALED.

SAF-T-DATA(tm) Ratings (Provided here for your convenience)

Health Rating: 3 - Severe Flammability Rating: 1 - Slight Reactivity Rating: 0 - None Contact Rating: 3 - Severe (Corrosive)

Collact Rading, 3 - Severe (Collisive)
Lab Protective Equip: GOGGLES & SHIELD; LAB COAT & APRON; VENT HOOD; PROPER GLOVES
Storage Color Code: White (Corrosive)

Potential Health Effects

Information on the human health effects from exposure to this substance is limited.

Inhalation:

Extremely destructive to tissues of the mucous membranes and upper respiratory tract. Symptoms may include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting.

Ingestion:

Corrosive. Swallowing can cause severe burns of the mouth, throat, and stomach, leading to death. Can cause sore throat, vomiting, diarrhea.

Skin Contact:

Corrosive. Symptoms of redness, pain, and severe burn can occur.

Eye Contact:

Corrosive. Can cause blurred vision, redness, pain, severe tissue burns and eye damage. Can cause blindness.

Chronic Exposure:

Chronic exposure may cause respiratory system effects. Chronic exposure may cause skin effects.

Aggravation of Pre-existing Conditions:

Persons with pre-existing skin disorders or eye problems or impaired respiratory function may be more susceptible to the effects of the substance.

4. First Aid Measures

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion:

If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention immediately

Skin Contact:

Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thoroughly clean shoes before reuse. DO NOT APPLY GREASES OR OINTMENTS!

Eye Contact:

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

5. Fire Fighting Measures

Flash point: 146C (295F) CC

Explosion:

Above the flash point, explosive vapor-air mixtures may be formed

Fire Extinguishing Media:

Water spray, dry chemical, alcohol foam, or carbon dioxide

Special Information:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode

6. Accidental Release Measures

Remove all sources of ignition. Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Clean up spills in a manner that does not disperse dust into the air. Use non-sparking tools and equipment. Reduce airborne dust and prevent scattering by moistening with water. Pick up spill for recovery or disposal and place in a closed container.

7. Handling and Storage

Keep in a tightly closed container. Store in a cool, dry, ventilated area away from sources of heat or ignition. Protect against physical damage. Store separately from reactive or combustible materials, and out of direct sunlight. Isolate from incompatible substances. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

8. Exposure Controls/Personal Protection

Airborne Exposure Limits:

None established.

Ventilation System:

A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

Personal Respirators (NIOSH Approved):

For conditions of use where exposure to the dust or mist is apparent, a half-face dust/mist respirator may be worn. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator. WARNING: Air-purifying respirators do not protect workers in oxygendeficient atmospheres

Skin Protection:

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Eye Protection:

Use chemical safety goggles and/or full face shield where dusting or splashing of solutions is possible. Maintain eye wash fountain and quick-drench facilities in work area.

9. Physical and Chemical Properties

Appearance:

White flakes.

Odor:

No information found.

Solubility:

Soluble in water.

Specific Gravity:

No information found.

% Volatiles by volume @ 21C (70F):

Boiling Point:

256C (493F)

Melting Point: 89 - 91C (192 - 196F) Vapor Density (Air=1): No information found. Vapor Pressure (mm Hg): No information found. Evaporation Rate (BuAc=1): No information found.

10. Stability and Reactivity

Stability:

Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products:
Burning may produce carbon monoxide, carbon dioxide, nitrogen oxides.

Hazardous Polymerization:
This substance does not polymerize.

Incompatibilities:
Strong oxidizers.

Conditions to Avoid:

11. Toxicological Information

Heat, flames, ignition sources and incompatibles

Imidazole: Oral rat LD50: 220 mg/Kg. Investigated as a mutagen, reproductive effector.

\Cancer Lists\		~	
	NTP	Carcinogen	
Ingredient	Known	Anticipated	IARC Category
Imidazole (288-32-4)	No	No	None

12. Ecological Information

Environmental Fate: No information found. Environmental Toxicity: No information found.

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport Information

Domestic (Land, D.O.T.)

Proper Shipping Name: CORROSIVE SOLID, BASIC, ORGANIC, N.O.S. (IMIDAZOLE) Hazard Class: 8

UN/NA: UN3263 Packing Group: III

Information reported for product/size: 5KG

International (Water, I.M.O.)

Proper Shipping Name: CORROSIVE SOLID, BASIC, ORGANIC, N.O.S. (IMIDAZOLE)

Hazard Class: 8 UN/NA: UN3263 Packing Group: III

Information reported for product/size: 5KG

15. Regulatory Information

Chemical Inventory Status - Part 1\				
Ingredient	TSCA	EC	Japan	Australia
Imidazole (288-32-4)	Yes	Yes	Yes	Yes

\Chemical Inventory Status - Part 2\					
Ingredient					Phil.
Imidazole (288-32-4)		Yes			Yes
\Federal, State & International Re					
Ingredient	RQ	TPQ	List	Chem	313 nical Cat
Imidazole (288-32-4)			No		
\Federal, State & International Re	egulati		Part 2\ -RCRA-		
Ingredient		A	261.33	8 ((d)
Imidazole (288-32-4)	No		No		
emical Weapons Convention: No TSCA 12	2(b):	NO	CDTA:	No	

Australian Hazchem Code: None allocated.

Poison Schedule: None allocated.

WHMIS:

This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

16. Other Information

NFPA Ratings: Health: 3 Flammability: 1 Reactivity: 0
Label Hazard Warning:
DANGER! CORROSIVE. CAUSES BURNS TO ANY AREA OF CONTACT. HARMFUL IF SWALLOWED OR INHALED.

Label Precautions:

Do not get in eyes, on skin, or on clothing.

Wash thoroughly after handling.

Do not breathe dust.

Use only with adequate ventilation.

Keep container closed.

Label First Aid:

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. In all cases get medical attention immediately.

Product Use:

Laboratory Reagent. Revision Information:

No Changes.

Disclaimer:

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Prepared by: Environmental Health & Safety Phone Number: (314) 654-1600 (U.S.A.)

HAZ DOOD UYOT





Health Fire	3 1
Reactivity	1
Personal Protection	J

Material Safety Data Sheet 4-Nitrophenyl Chloroformate MSDS

Section 1: Chemical Product and Company Identification

Product Name: 4-Nitrophenyl Chloroformate

Catalog Codes: SLN2521

CAS#: 7693-46-1

RTECS: Not available.

TSCA: TSCA 8(b) inventory: 4-Nitrophenyl Chloroformate

CI#: Not available.

Synonym:

Chemical Name: 4-Nitrophenyl Chloroformate

Chemical Formula: C7-H4-CI-N-O4

Contact Information:

Sciencelab.com, Inc. 14025 Smith Rd. Houston, Texas 77396

US Sales: 1-800-901-7247

International Sales: 1-281-441-4400

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call:

1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS#	% by Weight
{4-}Nitrophenyl Chloroformate	7693-46-1	100

Toxicological Data on Ingredients: 4-Nitrophenyl Chloroformate LD50: Not available. LC50: Not available.

Section 3: Hazards Identification

Potential Acute Health Effects:

Very hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation. Hazardous in case of eye contact (corrosive). Slightly hazardous in case of skin contact (corrosive). The amount of tissue damage depends on length of contact. Eye contact can result in corneal damage or blindness. Skin contact can produce inflammation and blistering. Inhalation of dust will produce irritation to gastro-intestinal or respiratory tract, characterized by burning, sneezing and coughing. Severe over-exposure can produce lung damage, choking, unconsciousness or death. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available.
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.
DEVELOPMENTAL TOXICITY: Not available.

Repeated exposure of the eyes to a low level of dust can produce eye irritation. Repeated skin exposure can

produce local skin destruction, or dermatitis. Repeated inhalation of dust can produce varying degree of respiratory irritation or lung damage.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Skin Contact:

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cover the irritated skin with an emollient. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

Serious Skin Contact:

Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Serious Inhalation:

Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.

Ingestion:

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: These products are carbon oxides (CO, CO2), nitrogen oxides (NO, NO2...), halogenated

compounds.

Fire Hazards in Presence of Various Substances: Slightly flammable to flammable in presence of open flames and sparks,

of heat.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:

SMALL FIRE: Use DRY chemical powder.

LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Large Spill:

Corrosive solid.

Stop leak if without risk. Do not get water inside container. Do not touch spilled material. Use water spray to reduce vapors. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all ignition sources. Call for assistance on disposal.

Section 7: Handling and Storage

Precautions:

Keep container dry. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Never add water to this product. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible. Avoid contact with skin and eyes. Keep away from incompatibles such as acids, alkalis, moisture.

Storage:

Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 24°C (75.2°F). Preferably refrigerate.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection:

Splash goggles. Synthetic apron. Vapor and dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Vapor and dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Crystalline solid.)

Odor: Not available.

Taste: Not available.

Molecular Weight: 201.57 g/mole

Color: White.

pH (1% soln/water): Not available.

Boiling Point: 160.5°C (320.9°F)

Melting Point: 78°C (172.4°F)

Critical Temperature: Not available.

Specific Gravity: Not available.

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Not available.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Excess heat, incompatibles, moisture

Incompatibility with various substances: Reactive with acids, alkalis, moisture.

Corrosivity: Not available.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Eye contact. Inhalation. Ingestion.

Toxicity to Animals:

LD50: Not available. LC50: Not available.

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans:

Very hazardous in case of skin contact (irritant), of ingestion, .

Hazardous in case of eye contact (corrosive), of inhalation (lung corrosive).

Slightly hazardous in case of skin contact (corrosive).

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects:

Skin: Causes skin irritation and may cause skin burns depending on the severity of exposure.

Eyes: Causes eye irritation and eye burns. Strong corrosive effect on eyes. Eye contact may result in

permanent damage and complete vision loss.

Inhalation: Causes respiratory tract and mucous membrane irritation. Inhalation may result in respiratory effects such as inflammation, edema, chemical pneumonitis, coughing, wheezing, haryngitis, shortness of breath. Ingestion: Causes digestive tract and mucous membrane irritation. Ingestion may cause nausea, vomiting, headache. It may also cause damage to the mouth, throat, stomach, and esophagus with possible perforation.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may

Toxicity of the Products of Biodegradation: The products of degradation are more toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: Class 8: Corrosive material

Identification: : Corrosive Solid, n.o.s. (4-Nitrophenyl Chloroformate) UNNA: 1759 PG: III

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

Federal and State Regulations: TSCA 8(b) inventory: 4-Nitrophenyl Chloroformate

Other Regulations:

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): CLASS E: Corrosive solid.

DSCL (EEC):

R34- Causes burns.

S20- When using do not eat or drink.

S26- In case of contact with eyes, rinse

immediately with plenty of water and seek

medical advice.

S36/37/39- Wear suitable protective clothing,

gloves and eye/face protection.

\$45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S60- This material and its container must be disposed of as hazardous waste.

HMIS (U.S.A.):

Health Hazard: 3

Fire Hazard: 1

Reactivity: 1

Personal Protection: i

National Fire Protection Association (U.S.A.):

Health: 3

Flammability: 1

Reactivity: 2

Specific hazard:

Protective Equipment:

Gloves.

Synthetic apron.

Vapor and dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.

Splash goggles.

Section 16: Other Information

References: Not available.

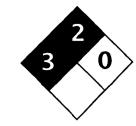
Other Special Considerations: Not available.

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Last Updated: 11/06/2008 12:00 PM

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Material Safety Data Sheet Tributylamine MSDS

Section 1: Chemical Product and Company Identification

Product Name: Tributylamine

Catalog Codes: SLT3097

CAS#: 102-82-9

RTECS: YA0350000

TSCA: TSCA 8(b) inventory: Tributylamine

CI#: Not available.

Synonym:

Chemical Formula: C12H27N

Contact Information:

Sciencelab.com, Inc. 14025 Smith Rd. Houston, Texas 77396

US Sales: 1-800-901-7247

International Sales: 1-281-441-4400

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call:

1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS#	% by Weight
Tributylamine	102-82-9	100

Toxicological Data on Ingredients: Tributylamine: ORAL (LD50): Acute: 114 mg/kg [Rat]. 114 mg/kg [Mouse]. 615 mg/kg [Rabbit]. DERMAL (LD50): Acute: 194 mg/kg [Rabbit]. VAPOR (LC50): Acute: 75 ppm 4 hour(s) [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects:

Very hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation. Hazardous in case of skin contact (permeator). Corrosive to skin and eyes on contact. Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract. Skin contact may produce burns. Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath. Severe over-exposure can result in death. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available.
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.
DEVELOPMENTAL TOXICITY: Not available.

Repeated or prolonged contact with spray mist may produce chronic eye irritation and severe skin irritation.

Repeated or prolonged exposure to spray mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection. Repeated exposure to an highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.

Skin Contact:

If the chemical got onto the clothed portion of the body, remove the contaminated clothes as quickly as possible, protecting your own hands and body. Place the victim under a deluge shower. If the chemical got on the victim's exposed skin, such as the hands: Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact:

Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation:

Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.

Ingestion:

Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Combustible.

Auto-Ignition Temperature: 210°C (410°F)

Flash Points: CLOSED CUP: 63°C (145.4°F). (Setaflash) OPEN CUP: 85.5°C (185.9°F).

Flammable Limits: LOWER: 1.4% UPPER: 6%

Products of Combustion: These products are carbon oxides (CO, CO2).

Fire Hazards in Presence of Various Substances: Not available.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:

SMALL FIRE: Use DRY chemical powder.

LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill:

Absorb with an inert material and put the spilled material in an appropriate waste disposal. If necessary: Neutralize the residue with a dilute solution of acetic acid.

Large Spill:

Combustible material. Corrosive liquid.

Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Use water spray curtain to divert vapor drift. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all ignition sources. Call for assistance on disposal. Neutralize the residue with a dilute solution of acetic acid.

Section 7: Handling and Storage

Precautions:

Keep locked up Keep container dry. Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapour/spray. Never add water to this product In case of insufficient ventilation, wear suitable respiratory equipment If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes

Storage:

Flammable materials should be stored in a separate safety storage cabinet or room. Keep away from heat. Keep away from sources of ignition. Keep container tightly closed. Keep in a cool, well-ventilated place. Ground all equipment containing material. Keep container dry. Keep in a cool place.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:

Face shield. Full suit. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves. Boots.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Not available.

Taste: Not available.

Molecular Weight: 185.36 g/mole

Color: Colorless to light yellow.

pH (1% soln/water): 12 [Basic.]

Boiling Point: 216.5°C (421.7°F)

Melting Point: -70°C (-94°F)

Critical Temperature: Not available.

Specific Gravity: 0.7782 (Water = 1)

Vapor Pressure: 0.3 mm of Hg (@ 20°C)

Vapor Density: 6.38 (Air = 1)

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: The product is equally soluble in oil and water; log(oil/water) = 0

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Very slightly soluble in cold water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Not available.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: No.

Section 11: Toxicological Information

Routes of Entry: Dermal contact. Eye contact. Inhalation. Ingestion.

Toxicity to Animals:

WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE.

Acute oral toxicity (LD50): 114 mg/kg [Mouse]. Acute dermal toxicity (LD50): 194 mg/kg [Rabbit].

Acute toxicity of the vapor (LC50): 75 ppm 4 hour(s) [Rat].

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans:

Very hazardous in case of skin contact (irritant), of ingestion, of inhalation. Hazardous in case of skin contact (permeator).

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are more toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: CLASS 8: Corrosive liquid.

Identification: : Corrosive liquids n.o.s. : UN2542 PG: III

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

Federal and State Regulations:

Pennsylvania RTK: Tributylamine

Florida: Tributylamine

Massachusetts RTK: Tributylamine

New Jersey: Tributylamine

TSCA 8(b) inventory: Tributylamine

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910,1200).

Other Classifications:

WHMIS (Canada):

CLASS B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C

CLASS D-1B: Material causing immediate and serious toxic effects (TOXIC).

CLASS E: Corrosive liquid.

DSCL (EEC):

R23- Toxic by inhalation. R38- Irritating to skin.

R41- Risk of serious damage to eyes.

HMIS (U.S.A.):

Health Hazard: 3

Fire Hazard: 2

Reactivity: 0

Personal Protection:

National Fire Protection Association (U.S.A.):

Health: 3

Flammability: 2

Reactivity: 0

Specific hazard:

Protective Equipment:

Gloves. Full suit.

Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.

Face shield.

Section 16: Other Information

References: Not available.

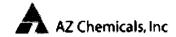
Other Special Considerations: Not available.

Created: 10/11/2005 12:48 PM

Last Updated: 11/06/2008 12:00 PM

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(4A2) 1001 (000)



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MATERIAL SAFETY DATA SHEET

Last updated: 12/11/2003

SECTION I PRODUCT IDENTIFICATION AND COMPANY INFO

PRODUCT NAME: SODIUM HYDROSULFITE

SUPPLIER CONTACT: AZ Chemicals, INC,

2201 Water Ridge Parkway

Suite 570, Charlotte, N.C. 28217

(877) 835 1423 www.azchemicals.com

SYNONYMS: Sodium dithionite; sodium sulfoxylate; dithionous acid, disodium

salt

CAS NUMBER: 7775-14-6
UN No: 1384
RTECS No: JP2100000
IMDG Page: 4262

HAZARD RATING:

 HEALTH
 3
 0
 LEAST

 FIRE
 1
 1
 SLIGHT

 REACTIVITY
 2
 2
 MODERATE

 OTHER
 3
 HIGH

 4
 EXTREME

HAZARD RATING METHOD: NFPA

FOR CHEMICAL EMERGENCIES, SPILL, FIRE EXPOSURE OR ACCIDENT CONTACT INFOTRAC, 24 HOURS 1-800-535-5053

SECTION II PRECAUTIONARY STATEMENT

WARNING:

Flammable! May spontaneously ignite in moist air or upon contact with water. Causes severe irritation to the skin, eyes and mucous membranes. May cause an allergic skin reaction.

Keep away from heat, sparks and open flames. Store in tightly closed containers. Wear impervious gloves, goggles and protective clothing when handling this product. Avoid breathing dust. Wash thoroughly after handling.



SECTION III INGREDIENTS

Description	%	CAS No	Exposure Limit	
Dithionous acid,	>88	7775-14-6	Not established	
disodium salt				

SECTION IV FIRE AND EXPLOSION DATA

FLASH POINT:

Not Applicable

AUTOIGNITION TEMP:

250°C

EXTINGUISHING MEDIA:

Carbon dioxide, dry sand or large quantities of water

SPECIAL PROCEDURES:

Wear full protective clothing and self-contained breathing apparatus with full face-piece. Avoid use of water unless sufficient amounts are available for flooding and flushing all involved product. Decomposition/combustion products may include toxic fumes such as sulfur dioxide.

This product, upon contact with water, forms sulfurous acid.

EXPLOSION HAZARDS:

Decomposes violently at $374^{\circ}F(190^{\circ}C)$. React violently with oxidants resulting in combusting or explosion. If exposed to a little water or to moisture, may be warming, firing even exploding.

UPPER EXPLOSION LIMIT:

LOWER EXPLOSION LIMIT:

SENSITIVITY/SPARKS:

SENSITIVITY/STATIC ELECTRICITY:

Unavailable
Unknown
Unknown

SECTION V PHYSICAL PROPERTIES

APPEARANCE: White, crystalline powder

ODOR THRESHOLD: Slight irritant

SPECIFIC GRAVITY: Unavailable

VAPOR PRESSURE (mm Hg): Nil

MELTING POINT: >300°C (Decomposes)

INITIAL BOILING POINT: Decomposes

EVAPORATION RATE: Nil (Ethyl Ether = 1)

SOLUBILITY IN WATER: Soluble

BULK DENSITY: ~0.9

VOLATILE %: Nil

pH: 5-6

pH METHOD :
pH test paper

Page 2 of 5



SECTION VI HEALTH INFORMATION

SKIN:

Causes severe irritation, even burns after prolonged contact. May cause allergic skin reaction.

EYES:

Causes severe irritation. May result in permanent eye damage.

SWALLOWING:

Causes severe irritation to mucous membranes.

BREATHING:

Inhalation of dust can cause irritation of the upper respiratory tract.

CARCINOGENICITY:

This product is not listed in IARC Monographs, the NTP Sixth Annual Report or the current ACGIH TLVs as a carcinogen or potential carcinogen. It is not regulated by OSHA as a carcinogen.

SECTION VII FIRST AID PROCEDURES

BREATHING:

If affected, move to fresh air. If breathing has stopped, give artificial respiration and call a physician.

SKIN CONTACT:

Thoroughly wash exposed area with lots of soap and water. If irritation persists or if open sores develop, contact a physician. Remove contaminated clothing and launder before re-use.

EYE CONTACT:

Immediately flush with large amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. Get medical attention. Do not use chemical antidote.

SWALLOWING:

If conscious, give two large glasses of water and induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.

SECTION VIII REACTIVITY INFORMATION

INCOMPATIBILITIES:

Have strong reduction and can be oxidize if exposed to air. Avoid contact with acids, water and moist air. Avoid excessive heat.

DECOMPOSITION:

Decomposition compounds include toxic fumes such as sulfur dioxide. Contact with water results in the formation of sulfurous acid.

HAZARDOUS POLYMERIZATION:

Cannot occur.

STABILITY:

Stable under normal conditions. Violent decomposition may result if product is heated to $374^{\circ}F(190?)$.

Page 3 of 5



SECTION IX UNINTENTIONAL RELEASE INFORMATION

SPILL AND LEAK PROCEDURE:

Eliminate all ignition sources (heat, sparks, open flames, etc.). Persons not wearing protective equipment should be excluded from the area of the spill until clean-up has been completed. Keep away from water or moisture. Shovel spilled material into containers. Thoroughly sweep up residual material, and then wash the spill site.

WASTE DISPOSAL:

This product, if disposed of, is an ignitable waste (D001) under current RCRA regulations.

SECTION X PERSONAL PROTECTION

RESPIRATORY PROTECTION:

A NIOSH/MSHA approved respirator is recommended during operations which generate dust.

SKIN PROTECTION:

Wear protective gloves such as Neoprene.

EYE PROTECTION:

Chemical goggles in compliance with OSHA regulations are advised, however, OSHA may also permit other types of safety glasses.

OTHER PROTECTION:

Impervious clothing and boots are recommended. Provide sufficient ventilation to maintain exposure below level of over-exposure.

SECTION XI STORAGE, HANDLING & TRANSPORTATION

STORAGE:

Keep in closed or covered containers when not in use. Store in cool dry place with adequate ventilation. Do not store near oxidants, acids or combustible materials.

HANDLING:

Exercise caution when handling contents of the container. Wash with soap and water before eating, drinking, smoking or using toilet facilities. Whenever possible, use mechanical means to move large and or heavy objects to help prevent back injuries.

TRANSPORTATION:

Sodium dithionite, 4.2 (spontaneously combustible), UN 1384, PG II



SECTION XII ADDITIONAL INFORMATION

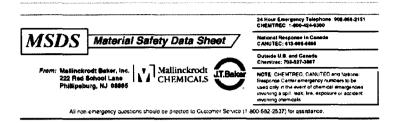
SARA requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372.

Components present in this product at a level which could require reporting under the statute are: None

The product information contained herein is believed to be accurate as of the data of the Material Safety Data Sheet, and is provided without warranty, expressed or implied, as to the results of this information or the product to which it relates. Recipient assumes all responsibility for the use of this information and the use (alone or in combination with any other product), storage or disposal of the product, including any resultant personal injury property damage.

***********END OF REPORT********

1/108 0108 MSDS Number: D7552 * * * * * Effective Date: 05/19/08 * * * * * Supercedes: 08/16/05



DIOXANE

1. Product Identification

Synonyms: Diethylene dioxide; 1,4-dioxane; dioxyethylene ether; p-dioxane; Diethylene Ether

CAS No.: 123-91-1 Molecular Weight: 88.12 Chemical Formula: C4H8O2 **Product Codes:**

J.T. Baker: 9196, 9228, 9231 Mallinckrodt: 4937

2. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
Dioxane	123-91-1	99 - 100%	Yes

3. Hazards Identification

Emergency Overview

DANGER! TENDS TO FORM EXPLOSIVE PEROXIDES, ESPECIALLY WHEN ANHYDROUS. FLAMMABLE LIQUID AND VAPOR. HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. AFFECTS CENTRAL NERVOUS SYSTEM, LIVER AND KIDNEYS. CAUSES IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT. POSSIBLE CANCER HAZARD. MAY CAUSE CANCER BASED ON ANIMAL DATA. Risk of cancer depends on duration and level of exposure.

SAF-T-DATA(tm) Ratings (Provided here for your convenience)

Health Rating: 2 - Moderate (Cancer) Flammability Rating: 3 - Severe (Flammable) Reactivity Rating: 2 - Moderate Contact Rating: 3 - Severe (Life)

Lab Protective Equip: GOGGLÉS & SHIELD; LAB COAT & APRON; VENT HOOD; PROPER GLOVES; CLASS B EXTINGUISHER

Storage Color Code: Red (Flammable)

Potential Health Effects

Inhalation:

Highly toxic by inhalation. Easily absorbed through lungs. Symptoms include irritation of the respiratory tract, headache, nausea, vomiting, dizziness, and narcosis. Can cause liver damage and brain and lung edema. Death may occur from kidney failure. Dioxane poisoning has poor warning properties.

Sore throat, abdominal pain. Other symptoms parallel those from inhalation.

Skin Contact:

Causes irritation to skin. Symptoms include redness, itching, and pain. May be absorbed through the skin with possible systemic effects.

Eye Contact:

Vapors cause eye irritation. Splashes cause severe irritation, possible corneal burns and eye damage.

Chronic Exposure:

Prolonged exposure may cause central nervous system depression, loss of appetite, nausea, abdominal tenderness, and liver or kidney damage. Prolonged skin contact may cause dermatitis. Suspected human carcinogen based on animal data. Repeated inhalation exposures to low concentrations have been fatal. Aggravation of Pre-existing Conditions:

Persons with pre-existing skin disorders or eye problems, or impaired liver, kidney or respiratory function may be more susceptible to the effects of the substance.

4. First Aid Measures

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Call a physician.

Skin Contact:

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Call a physician.

Eye Contact:

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

5. Fire Fighting Measures

Flash point: 12C (54F) CC

Autoignition temperature: 180C (356F) Flammable limits in air % by volume:

lel: 2.0; uel: 22.0 Explosion:

Above flash point, vapor-air mixtures are explosive within flammable limits noted above. Vapors can flow along surfaces to distant ignition source and flash back. Substance can explode when redistilled. Contact with strong oxidizers may cause fire. Sealed containers may rupture when heated. Sensitive to static

Fire Extinguishing Media:

Dry chemical, foam or carbon dioxide. Water spray may be used to keep fire exposed containers cool. Water may be used to flush spills away from exposures and to dilute spills to non-flammable mixtures

Special Information:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. This highly flammable liquid must be kept from sparks, open flame, hot surfaces, and all sources of heat and ignition.

6. Accidental Release Measures

Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer! If a leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop leak, and to flush spills away from exposures. US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802.

J. T. Baker SOLUSORB® solvent adsorbent is recommended for spills of this product.

7. Handling and Storage

Protect against physical damage. Store in a cool, dry well-ventilated location, away from direct sunlight and any area where the fire hazard may be acute. Store in tightly closed containers (preferably under nitrogen atmosphere). Outside or detached storage is preferred. Inside storage should be in a standard flammable liquids storage room or cabinet. Separate from oxidizing materials. Containers should be bonded and grounded for transfers to avoid static sparks. Storage and use areas should be No Smoking areas. Use non-sparking type tools and equipment. Protect from freezing. Before using bulk quantities of this material, test for presence of explosive peroxides. Wear special protective equipment (Sec. 8) for maintenance break-in or where exposures may exceed established exposure levels. Wash hands, face, forearms and neck when exiting restricted areas. Shower, dispose of outer clothing, change to clean garments at the end of the day. Avoid cross-contamination of street clothes. Wash hands before eating and do not eat, drink, or smoke in workplace. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

8. Exposure Controls/Personal Protection

Airborne Exposure Limits:

-OSHA Permissible Exposure Limit (PEL):

100 ppm (TWA) skin

-ACGIH Threshold Limit Value (TLV):

20 ppm (TWA) skin, A3 - Animal Carcinogen

Ventilation System:

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

Personal Respirators (NIOSH Approved):

If the exposure limit is exceeded and engineering controls are not feasible, wear a supplied air, full-facepiece respirator, airlined hood, or full-facepiece selfcontained breathing apparatus. Breathing air quality must meet the requirements of the OSHA respiratory protection standard (29CFR1910.134). This substance has questionable warning properties.

Skin Protection:

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Nitrile is recommended as a suitable material for personal protective equipment.

Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

9. Physical and Chemical Properties

Appearance: Clear, colorless solution. Odor: Faint ether-like odor. Solubility: Soluble Specific Gravity: 1.03 @ 20C/4C pH: No information found. % Volatiles by volume @ 21C (70F): 100 **Boiling Point:** 101C (214F) **Melting Point:** 11.8C (54F) Vapor Density (Air≈1): Vapor Pressure (mm Hg): 27 @ 20C (68F) Evaporation Rate (BuAc=1):

10. Stability and Reactivity

Stability:

Stable in closed containers under nitrogen at room temperature. Anhydrous dioxane slowly reacts with atmospheric oxygen to form explosive peroxides. If these peroxides are concentrated by evaporation or distillation, there exists a serious risk of explosion.

Hazardous Decomposition Products:

Reacts with air to form explosive peroxides under certain conditions; exposure to sunlight accelerates this formation. Decomposes to carbon monoxide.

Hazardous Polymerization:

Will not occur.

Incompatibilities:

Silver perchlorate, oxidizing agents, sulfur trioxide. Dioxane may react with hydrogen in the presence of Raney nickel above 210C (410F).

Conditions to Avoid:

Heat, flame, ignition sources, incompatibles, air, sunlight.

11. Toxicological Information

Oral rat LD50:4200 mg/kg; inhalation rat LC50: 46 gm/m3/2H; skin rabbit LD50: 7600 mg/kg; investigated as a mutagen, tumorigen, reproductive effector.

\Cancer Lists\			
,,		Carcinogen	
Ingredient	Known	Anticipated	IARC Category
Dioxane (123-91-1)	No	Yes	2B

12. Ecological Information

Environmental Fate:

When released into the soil, this material is not expected to biodegrade. When released into the soil, this material may leach into groundwater. When released into the soil, this material may evaporate to a moderate extent. When released into water, this material is not expected to biodegrade. When released into water, this material may evaporate to a moderate extent. This material has a log octanol-water partition coefficient of less than 3.0. This material is not expected to significantly bioaccumulate. When released into the air, this material is expected to be readily degraded by reaction with photochemically produced hydroxyl radicals. When released into the air, this material is expected to have a half-life of less than 1 day.

Environmental Toxicity:

This material is not expected to be toxic to aquatic life. The LC50/96-hour values for fish are over 100 mg/l.

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport Information

Domestic (Land, D.O.T.)

Proper Shipping Name: RQ, DIOXANE

Hazard Class: 3 UN/NA: UN1165 Packing Group: II

Information reported for product/size: 473LB

International (Water, I.M.O.)

Proper Shipping Name: DIOXANE

Hazard Class: 3 UN/NA: UN1165 Packing Group: II

Information reported for product/size: 473LB

15. Regulatory Information

\Chemical Inventory Status - Part Ingredient	•	TSCA	EC	Japan	Australia
Dioxane (123-91-1)					Yes
\Chemical Inventory Status - Part	2\				
Ingredient			DSL		Phil.
Dioxane (123-91-1)					Yes
\Federal, State & International Re					
Ingredient	RQ	TPQ	Li	st Che	A 313 mical Catg.
Dioxane (123-91-1)				 s	
\Federal, State & International Ro	egulati				
Ingredient		ĹΑ	261.3	T 3 8	(d)
Dioxane (123-91-1)				 N	
Chemical Weapons Convention: No TSCA 1: SARA 311/312: Acute: Yes Chronic: Yes Reactivity: Yes (Pure / Liquid)					

WARNING:

THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

Australian Hazchem Code: 2SE

Poison Schedule: S6

WHMIS:

This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

16. Other Information

NFPA Ratings: Health: 2 Flammability: 3 Reactivity: 1
Label Hazard Warning:
DANGER! TENDS TO FORM EXPLOSIVE PEROXIDES, ESPECIALLY WHEN ANHYDROUS. FLAMMABLE LIQUID AND VAPOR. HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. AFFECTS CENTRAL NERVOUS SYSTEM, LIVER AND KIDNEYS. CAUSES IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT. POSSIBLE CANCER HAZARD. MAY CAUSE CANCER BASED ON ANIMAL DATA. Risk of cancer depends on duration and level of exposure.

Label Precautions:

Wash thoroughly after handling.

Do not breathe vapor

Keep container tightly closed.

Use only with adequate ventilation.

Do not get in eyes, on skin, or on clothing. Keep away from heat, sparks and flame.

Do not evaporate to dryness unless absence of peroxides has been shown.

Label First Aid:

If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. In all cases call a physician.

Product Use:

Laboratory Reagent.

Revision Information:

No Changes.

Mallinckrodt Baker, Inc. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpos MALLINCKRODT BAKER, INC. MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING

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Prepared by: Environmental Health & Safety Phone Number: (314) 654-1600 (U.S.A.) Venlafaxine-amine acetate conc 28-Mar-2008



MATERIAL SAFETY DATA SHEET

PRODUCT AND COMPANY IDENTIFICATION

Product Name: Venlafaxine-amine acetate concentrate

Product No.: 493

Synonyms: WY-45821 concentrate

Venlafaxine-amine acetate (50% concentrate in 30% acetic acid solution)

Manufacturer Name:Emergency Telephone:ZaCh System Corporation+1 866-393-3306 (24hr.)914 So. 16th Street+1 281-8842-0245 (Plant)La Porte, Texas 77571Non-emergency Telephone:

USA +1 281-842-0201

Intended Use: Synthesis intermediate Contact Person:

E-mail: Ron.Smith@ZambonGroup.com

2 COMPOSITION/INFORMATION ON INGREDIENTS

Identification of the preparation Venlafaxine Amine Acetate Concentrate

Chemical characterization Venlafaxine Amine Acetate, acetic acid and water

Hazardous components CAS-No. EC-No. Weight % Classification

Venlafaxine Amine Acetate n.a n.a 40-50% Xn R22, Xi R41, R10,

Sensitizing R43

Acetic Acid 67-1904 200-580-7 20-40% C R35, R10

For the full text of the R phrases mentioned in this section, see Section 16.

3 HAZARDOUS IDENTIFICATION

Classification C R34, Xn R22, Sensitizing R43, R10

Most important hazardous Causes burns. Harmful if swallowed.

May cause sensitization by skin contact. Flammable.

US MSDS 1 / 7

4 FIRST AID MEASURES

General

Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

Inhalation

Move to fresh air. Call a physician or Poison Control Center immediately.

Eye Contact

Remove contact lenses. Rinse immediately with plenty of water for at least 15 minutes.

Skin Contact

Call a physician or Poison Control Center immediately. Wash off immediately with plenty of water. Use a mild soap if available. Remove and wash contaminated clothing before re-use.

Ingestion

Gently wipe or rinse the inside of the mouth with water. Give small amounts of water to drink. Do no induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.

5 FIRE-FIGHTING MEASURES

Suitable extinguishing media

Water spray, dry powder, carbon dioxide (CO2), foam.

Extinguishing media which must not be used for safety reason

None.

Specific hazards:

Vapors are heavier than air and may spread along floors.

Flash back possible over considerable distance.

Special protective equipment for firefighters

In the event of fire, wear self contained breathing apparatus. Wear personal protective equipment. Avoid contact with skin and eyes.

Hazardous decomposition products

Carbon oxides, nitrogen oxides (NOx).

Hydrogen, by reaction with metals.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions

Evacuate personnel to safe areas. Use personal protective equipment.

Avoid contact with skins and eyes. Remove all sources of ignition.

US MSDS 2 / 7

Environmental Precautions

Prevent further leakage or spillage if safe to do so.

Do not allow material to contaminate ground water system.

Prevent product from entering drains.

Methods for cleaning up:

Neutralize with lime milk or soda and flush with plenty of water. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Dispose of in accordance with local regulations.

7 HANDLING AND STORAGE

Handling

Technical measures/precautions

Use only in area provided with appropriate exhaust ventilation. Remove all sources of ignition. Preparation may charge electrostatically: always use earthing leads when transferring from one container to another.

Safe handling advice

Avoid contact with skin and eyes. Use personal protective equipment.

Storage

8

Technical measures/storage conditions

Keep in a dry, cool and well-ventilated place. Keep in properly labeled containers. Keep container tightly closed. Keep away from heat and sources of ignition.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls

Engineering Controls

Ensure adequate ventilation, especially in confined areas.

Exposure Limit Values

Acetic Acid UK OEL TWA 10ppm, STEL 15

Personal protective equipment

Respiratory protection

Wear a positive-pressure supplied-air respirator with full face piece. Ensure adequate ventilation.

Hand Protection

Protective gloves complying with EN 374. Suitable material: Viton, butyl rubber.

Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Eye protection

Face-shield, tightly fitting safety goggles (EN 166).

US MSDS 3 / 7

Skin and body protection

Boots, apron, protective suit.

Hygiene Measures

General industrial hygiene practice. When using, do not eat, drink, or smoke.

Remove and wash contaminated clothing before re-use.

Environmental Exposure Controls

Prevent product from entering drains. Do not allow material to contaminate ground water system.

9 PHYSICAL AND CHEMICAL PROPERTIES

Color: Pale yellow Odor: Pungent

Odor Threshold: No data available. Physical State: Viscous Liquid

pH: 5

Melting Point: 156°C (313°F) - 157°C (315°F)

Freezing Point: No data available.

Boiling Point: 116°C (240.8°F) - 118°C (244.4°F)

Flash Point: 39°C (102°F) (acetic acid) Evaporation Rate: No data available.

Flammability Limit - Upper (%): No data available. Flammability Limit - Lower (%): No data available. Vapor Pressure: 11.4 mm Hg @ 20°C (acetic acid)

Vapor Density (Air=1): >2 (acetic acid) Specific Gravity: No data available.

Solubility in Water: Soluble

Solubility (Other): No data available.

Decomposition Temperature: No data available.

Viscosity: No data available.

10 STABILITY AND REACTIVITY

Stability: Material is stable under normal conditions.

Conditions to Avoid: Heat, sparks, flames, elevated temperatures. Moisture.

Incompatible Materials: Acids, peroxides, strong bases.

Hazardous Decomposition Products: Carbon oxides, nitrogen oxides (NOx)

Hazardous polymerization: Hazardous polymerization does not occur.

US MSDS 4 / 7

11 TOXICOLOGICAL INFORMATION

Specified Substance(s)

Acute Toxicity:

LD50/oral/rat = 200-2000mg/kg (Venlafaxine Amine Acetate); 3310mg/kg (acetic acid)

LC50/inhalation/1h/mouse = 5620ppm (acetic acid)

LD50/dermal/rabbit > 200mg/kg (Venlafaxine Amine Acetate); 1060uL/mg (acetic acid)

Local Effects:

The product causes burns of eyes, skin and mucous membranes. Risk of serious damage to eyes. Small amounts splashed into eyes can cause irreversible tissue damage and blindness. Harmful if swallowed. Ingestion causes burns of the upper digestive and respiratory tracts. Inhaled corrosive substances can lead to a toxic edema of the lungs. May cause sensitization by skin contact.

Long Term Toxicity:

No data available. Avoid repeated exposure.

Specific Effects:

Carcinogenic effects: Not listed in: NTP, IARC, OSHA, ACGIH

Listed Carcinogens: None.

12 ECOLOGICAL INFORMATION

Mobility: The product is soluble in water.

Persistence and Degradability: No data available.

Ecotoxicity Effects: No data available.

13 DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

Can be incinerated, when in compliance with local regulations.

Contaminated packaging:

Empty containers should be taken for local recycling, recovery, or waste disposal.

Further information:

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

US MSDS 5 / 7

14

TRANSPORT INFORMATION

DOT

UN No.: UN2790

Proper Shipping Name: Acetic acid solution

Class: 8

Packing Group: II

Label(s): 8

IATA

UN No.: UN2790

Proper Shipping Name: Acetic acid solution

Class: 8

Packing Group: II

Label(s): 8

IMO

UN No.: UN2790

Proper Shipping Name: Acetic acid solution

Class: 8

Packing Group: II

Label(s): 8

ICAO

UN No.: UN2790

Proper Shipping Name: Acetic acid solution

Class: 8

Packing Group: II

Label(s): 8

REGULATORY INFORMATION

The preparation is classified as dangerous in accordance with Directive 1999/45/EC.

Symbol

15

C – Corrosive.

R-phrases

R10 – Flammable.

R22 – Harmful if swallowed.

R34 – Causes burns.

R43 – May cause sensitization by skin contact.

S-phrases

S23 – Do not breathe vapor.

S24/25 – Avoid contact with skin and eyes.

S26 - In case of contact with eyes, rinse immediately with plenty of water and

seek medical attention.

S28 – After contact with skin, wash immediately with plenty of soap and water. S36/37/39 – Wear suitable protective clothing, gloves and eye/face protection.

S45 – In case of accident or if you feel unwell, seek medical attention

immediately (show the label where possible).

US MSDS

Contains

Acetic acid

Venlafaxine Amine Acetate

EC-No.: 200-580-7

EC-No.: No data available.

16

OTHER INFORMATION

Text of R phrases mentioned in Section 2

R₁₀ – Flammable

R22 - Harmful if swallowed

R35 – Causes severe burns

R41 – Risk of serious damage to eyes

R43 – May cause sensitization by skin contact.

Issue Date: 01-Apr-2008

Supersedes Date:

Disclaimer: This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard

workers and the environment.

MSDS Number: **D2856** * * * * * * Effective Date: **04/10/01** * * * * * Supercedes: **04/21/98**



From: Mallinckrodt Baker, Inc. 222 Red School Lane Phillipaburg, NJ 08865



24 Hour Emergency Telephone: 908-859-2151 CHEMTREC: 1-800-424-9300

National Response in Canada

CANUTEC: 613-996-6666

Outside U.S. And Canada Chemtrec: 703-527-3887

NOTE: CHEMTREC, CANUTEC and National Response Center emergency numbers to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.

All non-emergency questions should be directed to Customer Service (1-800-582-2537) for assestance

DICYCLOHEXYLAMINE

1. Product Identification

Synonyms: Cyclohexanamine, N-cyclohexyl-; dicyclohexylamine 99%, dodecahydrodiphenylamine

CAS No.: 101-83-7

Molecular Weight: 181.32 Chemical Formula: C12H23N

Product Codes: H391

2. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
Dicyclohexylamine	101-83-7	100%	Yes

3. Hazards Identification

Emergency Overview

DANGER! CORROSIVE. CAUSES BURNS TO ANY AREA OF CONTACT. HARMFUL IF SWALLOWED OR INHALED. MAY BE ABSORBED THROUGH SKIN.

J.T. Baker SAF-T-DATA^(tm) Ratings (Provided here for your convenience)

Health Rating: 2 - Moderate Flammability Rating: 1 - Slight Reactivity Rating: 1 - Slight

Contact Rating: 3 - Severe (Corrosive)

Lab Protective Equip: GOGGLES; LAB COAT; VENT HOOD; PROPER GLOVES

Storage Color Code: White (Corrosive)

Potential Health Effects

Information on the human health effects from exposure to this substance is limited.

Inhalation:

Inhalation produces damaging effects on the mucous membranes and upper respiratory tract. Symptoms may include irritation of the nose and throat, and labored breathing. May cause lung edema, a medical emergency.

Ingestion:

Toxic. May cause burns in esophagus and stomach, coughing, nausea, and vomiting.

Skin Contact:

Corrosive. May cause severe irritation, redness, pain, and skin burns. Irritant and possible sensitizer.

Eye Contact:

Causes irritation, redness, and pain.

Chronic Exposure:

No information found.

Aggravation of Pre-existing Conditions:

No information found.

4. First Aid Measures

Inhalation:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician. **Ingestion:**

DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. Call a physician immediately.

Skin Contact:

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

Eye Contact:

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

5. Fire Fighting Measures

Fire:

Flash point: > 99C (> 210F) OC

Fire Hazard when exposed to heat or flame.

Explosion:

Above the flash point, explosive vapor-air mixtures may be formed.

Fire Extinguishing Media:

Water spray, dry chemical, alcohol foam, or carbon dioxide.

Special Information:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

6. Accidental Release Measures

Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer!

7. Handling and Storage

Protect against physical damage. Outside or detached storage is preferred. Inside storage should be in a standard flammable liquids storage room or cabinet. Separate from oxidizing materials. Storage and use areas should be No Smoking areas. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product. Store above 20C (68F) to prevent freezing.

8. Exposure Controls/Personal Protection

Airborne Exposure Limits:

None established.

Ventilation System:

A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

Personal Respirators (NIOSH Approved):

For conditions of use where exposure to the substance is apparent, consult an industrial hygienist. For emergencies, or instances where the exposure levels are not known, use a full-facepiece positive-pressure, air-supplied respirator. WARNING: Air purifying respirators do not protect workers in oxygen-deficient atmospheres.

Skin Protection:

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Eye Protection:

Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

9. Physical and Chemical Properties

Appearance:

Clear, colorless liquid.

Odor:

Fishy/amine odor.

Solubility:

Sparingly soluble in water.

Specific Gravity:

0.910

pH:

Strong base

% Volatiles by volume @ 21C (70F):

100

Boiling Point:

256C (493F)

Melting Point:

20C (68F)

Vapor Density (Air=1):

6.27

Vapor Pressure (mm Hg):

No information found.

Evaporation Rate (BuAc=1):

No information found.

10. Stability and Reactivity

Stability:

Stable under ordinary conditions of use and storage. Strong base.

Hazardous Decomposition Products:

Burning may produce carbon monoxide, carbon dioxide, nitrogen oxides.

Hazardous Polymerization:

Will not occur.

Incompatibilities:

Acids, acid chlorides, acid anhydrides, oxidizing agents, chloroformates.

Conditions to Avoid:

Heat, cold and incompatibles.

11. Toxicological Information

Toxicological Data:

Oral rat LD50: 373 mg/kg.

Investigated as a carcinogen and mutagen. Irritation eye rabbit: 750 ug/24H severe.

Skin rabbit: 2mg/24H severe.

Carcinogenicity:

There is limited evidence that this material causes cancer in laboratory animals. There is inadequate evidence that this material causes cancer in humans.

\Cancer Lists\			
	NTP	Carcinogen	
Ingredient	Known	Anticipated	IARC Category
Dicyclohexylamine (101-83-7)	No	No	3

12. Ecological Information

Environmental Fate:

No information found.

Environmental Toxicity:

No information found.

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Although not a listed RCRA hazardous waste, this material may exhibit one or more characteristics of a hazardous waste and require appropriate analysis to determine specific disposal requirements. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport Information

Domestic (Land, D.O.T.)

Proper Shipping Name: DICYCLOHEXYLAMINE

Hazard Class: 8 UN/NA: UN2565 Packing Group: III

Information reported for product/size: 3KG

International (Water, I.M.O.)

Proper Shipping Name: DICYCLOHEXYLAMINE

Hazard Class: 8

UN/NA: UN2565 Packing Group: III

Information reported for product/size: 3KG

15. Regulatory Information

\Chemical Inventory Status - Part 1\ Ingredient	TSCA	EC	Japan	Australia
Dicyclohexylamine (101-83-7)				Yes
\Chemical Inventory Status - Part 2\			 nada	
Ingredient		DSL	NDSL	Phil.
Dicyclohexylamine (101-83-7)			Мо	
	A 302-		SAR	A 313 mical Catg.
\Federal, State & International Regulat Ingredient CERC		-RCRA	T	SCA-
Chemical Weapons Convention: No TSCA 12(b): SARA 311/312: Acute: Yes Chronic: No Fire Reactivity: No (Pure / Liquid)				

Australian Hazchem Code: 3X Poison Schedule: None allocated.

WHMIS:

This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

16. Other Information

NFPA Ratings: Health: 3 Flammability: 1 Reactivity: 0

Label Hazard Warning:

DANGER! CORROSIVE. CAUSES BURNS TO ANY AREA OF CONTACT. HARMFUL IF SWALLOWED OR INHALED. MAY BE ABSORBED THROUGH SKIN.

Label Precautions:

Do not breathe vapor.

Do not get in eyes, on skin, or on clothing.

Keep container closed.

Use only with adequate ventilation.

Wash thoroughly after handling.

Label First Aid:

If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of skin contact, immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. In all cases call a physician immediately...

Product Use:

Laboratory Reagent.

Revision Information:

No changes. **Disclaimer:**

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Prepared by: Environmental Health & Safety Phone Number: (314) 654-1600 (U.S.A.)

American Azide Corporation P.O. Box 629, 10622 West 6400 North, Cedar City, UT 84720

P.O. Box 629, 10622 West 6400 North, Cedar City, UT 84720 Telephone: (435) 865-5000 Fax: (435) 865-5005 24 HOUR EMERGENCY PHONE: (435) 865-5044

SODIUM AZIDE

Date issued: 19 September 2003

MATERIAL SAFETY DATA SHEET

SECTION I—PRODUC	T IDENTIF	ICATION						
Trade name (common	name or	synonym):	T	Chemical name:	. (Chemica	l Fori	mula:
Sodium azide, Azide			Sodium azide		NaN ₃		NaN ₃	
SECTION II—HEALTH	HAZARD	INFORMATION A	ND	FIRST AID PRO	CEDU	JRES		
Acute effects: Exposure of	an lower bl	ood pressure and cau	se h	eadaches, shortnes	ss of br	reath, fain	tness	Toxicity Data:
and increased heart rate. Sodium Azide is a poison and may be fatal if significant doses are inhaled, Rat -oral $LD_{50} = 27 \text{ mg/kg}$								
ingested or skin absorbed.								Rabbit-skin $LD_{50} = 20 \text{ mg/kg}$
Chronic effects: No long		s have been reported						
	RC: NO			NTP: NO			0	SHA: NO
Medical conditions aggra	•	•					1.	
Low blood pressure, respi			ay o	ceur with blood pr	essure	-reducing	medic	eines.
EMERGENCY FIRST A					ъ.		J 6°	4.11
Routes of exposure		l symptoms of expos		=				t aid procedures:
SKIN:	May caus	e local irritation or st	ingi	ng effect.	dust. water	Wash exp	osed a ze with	at off first if possible. Avoid breathing area immediately with plenty of tepid in a buffered solution. Remove g and footwear.
INHALATION:	ON: Airborne concentrations of sodiu headaches, shortness of breath, i respiration and heartbeat, nausea			ncreased move to fre and dizziness. unconsciou		periencing increased respiration or shortness of breath, e to fresh air. Administer oxygen if exposed person is nscious. Never give anything by mouth to an nscious person.		
INGESTION:		eadache, dizziness, s respiration and pulse		ness of breath,	Give water. If vomiting occurs spontaneously, keep airw clear. Seek medical attention.			
EYES:	blood ves	appear to be bloodsh sels. This may be the tide exposure.				eyes with contamina		water and move exposed person to a ea.
SECTION III—HAZARE	OUS CO	MPONENTS AND	occ	CUPATIONAL EX	XPOS	URE LIN	IITS	
Hazardous component	ts:	CAS:		OSHA PEL: PI	ROPO	SED	ACG	IH TLV (Ceiling)
SODIUM AZID	ÞΕ	26628-22-8		0.3 mg/M^3	³ DUST			$0.29 \text{ mg/M}^3 \text{ DUST}$
		J		0.1 ppm VAP		1		0.11 ppm VAPOR
SECTION IV—PHYSIC	AL/CHEM	ICAL CHARACTE	RIS	TICS				
Boiling point: N/A	Vapor pr	essure: N/A	Vaj	por Density: N	/A	Speci	ific G	ravity (H ₂ O=1): 1.846
Melting point: Decom	poses at 27	75°C	Eva	aporation rate:	N/A	pH:	9.0	
	Solubility in water (% by weight): 42 % at 20°C Appearance and odor: White crystal, no odor to slight ammonia odor.							
SECTION V—FIRE AND EXPLOSION DATA								
Flash point (Method used): NA Flammable limits: NA LEL: NA UEL: NA								
Extinguishing media (Sodium Fires): Fight fires with dry sand, soda ash light, or class D fire extinguisher.								
SPECIAL FIRE FIGHTING PROCEDURES:								
and metallic sodium, wh	nich is wat	er reactive. Do not	figh	nt fires with wate	r. Wai	ter will re	eact w	produces nitrogen, sodium oxide vith decomposed sodium azide.
1								empting to rescue or to fight a fire.
FORM: A-MS-01 REV 9 09/19	7/03	MATER	CIAL	SAFETY DATA SHE	E1—5C	וטנענ M AZI	DE	PAGE 1 OF 2

SECTION VI—REACTIVITY DATA STABILITY Conditions to avoid: Unstable: Stable: Avoid exposure to heavy metals and low-pH liquids or vapors. Avoid elevated temperatures over 275°C which can cause decomposition. Incompatibility (Materials to avoid): Acids, strong oxidizers, heavy metals, salts containing heavy metals and materials such as brass, copper, lead, or bronze, which contain heavy metals.

Hazardous polymerization:

Hazardous polymerization will not occur.

SECTION VII-ENVIRONMENTAL PROCEDURES

Hazardous decomposition or byproducts:

Sodium, Nitrogen, Sodium Oxide.

Steps to be taken if material is released or spilled:	Waste disposal method:
Wearing an SCBA or airline respirator, collect loose material and	Dispose of in accordance with local, state, and federal
containerize. Clean contaminated floor surface with pH-adjusted	regulations.
water (pH greater than 9.0).	

Section 313 Supplier Notification: This product contains SODIUM AZIDE (CAS # 26628-22-8) at concentrations greater than 99% by weight and is subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). This information should be included in all MSDSs that are copied and distributed for this material.

SECTION VIII—SPECIAL PROTECTION / EXPOSURE CONTROL MEASURES

Ventilation requirements: Ventilate as necessary to minim	nize exposure levels. Inspect and clean ventilation systems regularly.
Eye protection: Wear safety glasses or full-face	Protective gloves: Plastic, rubber or latex gloves are
respirators.	recommended.
Respiratory protection: Use SCBAs or airline respirators	Other clothing and equipment: Protective clothing suitable to
when exposed to sodium azide during handling or usage.	minimize skin contact with solid sodium azide or solutions
	containing sodium azide.

Personal hygiene and work practices: Remove any sodium azide contamination before eating, drinking, smoking, applying cosmetics, etc. Shower and change clothes after exposure to sodium azide. Prior to showering remove dust from skin by vacuuming or brushing while minimizing airborne dust. Wash contaminated clothing in a controlled area to prevent exposure to personal clothing and to prevent sodium azide contamination in drains containing copper and lead or other heavy metals.

SECTION IX—PRECAUTIONS FOR SAFE HANDLING AND STORAGE

Handling and storage precautions: Avoid contact with skin and eyes. Do not breathe dust or vapors. Do not expose sodium azide to acids or heavy metals. Control static electricity and other ignition sources. Dust clouds may be ignition sensitive. Store in dry areas away from sources of extreme heat. Contact with water may form hydrazoic acid.

Special mixing and handling instructions: Ground and bond process equipment. Do not combine sodium azide with low-pH liquids and vapors, since hydrazoic acid may form.

SECTION X—TRANSPORTATION DATA AND ADDITIONAL INFORMATION

DOT shipping name: DOT hazard class:	Sodium azide Poison 6.1	UN number: CAS number:	1687 26628-22-8
DOT hazard class. DOT hazardous substance:	RQ 1000#	CAS number.	20020-22-0
CAS - Chemical Abstract S	Service Number	TIV-ACGIH	Threshold Limit Value Current

CAS = Chemical Abstract Service Number	TLV = ACGIH Threshold Limit Value, Current
PEL = OSHA Permissible Exposure Limit	N/A = Not Applicable

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FORM: A-MS-01 REV 9 09/19/03

MATERIAL SAFETY DATA SHEET—SODIUM AZIDE

PAGE 2 OF 2

Zach System Corp. 914 South 16th Street La Porte, TX. 77571

Certificate of Analysis

Product: 055

Z-Valine

Sample ID: 298603

Order No.:

Lot: 2-0608-0889-00

Cntrs:

Customer:

Destination:

Print Date: 2009-02-09 12:52PM

Test Description	UOM	Result	Min.	Max.	Test Status
Any Individual Impurity	WT%	0. 0	0. 0	0. 1	PASS
Appearance		WHITE TO OFF-WHITE SOLID			PASS
Benzyl Alcohol, wt%	WT%	0. 02	0.00	0. 25	PASS
Benzyl-L-Valine	WT%	0. 0	0.0	0, 2	PASS
Identity by FTIR	NONE	CONFORMS TO STANDARD			PASS
L-Valine	NONE	<0.10			PASS
Methoxycarbonyl-L-Val	NONE	<0.1%			PASS
SPECIFIC ROTATION	DEGREES	999999. 0	-5 . 0	-4 . 0	FAIL
T.U.R.S. A	WT%	0. 1	0. 0	0. 5	PASS
T.U.R.S. B	WT%	0. 2	0. 0	0. 5	PASS
Toluene wt%	WT%	0. 1	0. 0	0. 3	PASS
Total Rel. Substances	WT%	0. 2	Q. Q	1.7	PASS
Water wt%	WT%	0. 0	0. 0	0. 5	PASS
Z-D-VALINE	WT%	0. 0	0.0	0. 2	PASS
Z-L-Alanine	WT%	0. 01	0.00	0. 05	PASS
Z-L-VAL-VAL	WT%	0. 0	0. 0	0. 5	PASS
Z-L-isoluecine	WT%	0. 01	0.00	0. 05	PASS
Z-L-leucine	WT%	0.03	0.00	0. 05	PASS
Z-Valine, assay	WT%	100. 1	98. 0	102. 0	PASS

Manufacturing / Packaging Date: August 21, 2006	Retest Date: August 20, 2007
QC Authorization: Wood Kun	Date: 11 Fc b 0 9
Title: Manager	

Zach System Corp. 914 South 16th Street La Porte, TX. 77571

Certificate of Analysis

Product: 055

Z-Valine

Sample ID: 337795

Lot: 2-0710-7953-00

Cntrs:

Order No.:

Customer:

Destination:

Print Date: 2009-02-09 12:53PM

Test Description	UOM	Result	Min.	Max.	Test Status
Any Individual Impurity	WT%	0. 0	0. 0	0. 1	PASS
Appearance		WHITE TO OFF-WHITE SOLID			PASS
Benzyl Alcohol, wt%	WT%	0. 02	0.00	0. 25	PASS
Benzyl-L-Valine	WT%	0. 0	0.0	0. 2	PASS
Identity by FTIR	NONE	CONFORMS TO STANDARD			PASS
L-Valine	NONE	<0.10			PASS
Methoxycarbonyl-L-Val	NONE	<0.1%			PASS
SPECIFIC ROTATION	DEGREES	999999. 0	-5 . 0	-4 . 0	FAIL
T.U.R.S. A	WT%	0. 2	0. 0	0. 5	PASS
T.U.R.S. B	WT%	0. 2	0.0	0. 5	PASS
Toluene wt%	WT%	0. 0	0. 0	0. 3	PASS
Total Rel. Substances	WT%	0. 3	0. 0	1. 7	PASS
Water wt%	WT%	0. 0	0.0	0. 5	PASS
Z-D-VALINE	WT%	0. 0	0. 0	0. 2	PASS
Z-L-Alanine	WT%	0, 01	0.00	0. 05	PASS
Z-L-VAL-VAL	WT%	0. 0	0. 0	0. 5	PASS
Z-L-isoluecine	WT%	0. 03	0. 00	0. 05	PASS
Z-L-leucine	WT%	0. 01	0. 00	0. 05	PASS
Z-Valine, assay	WT%	99. 0	98. 0	102. 0	PASS

Manufacturing / Packaging Date: October 20, 2007	Retest Date: October 19, 2008
QC Authorization: World Man	Date: 11 Fe 6 0 9
Title: &C Manager	

Zach System Corp. 914 South 16th Street La Porte, TX. 77571

Certificate of Analysis

Product: 055

Z-Valine

Sample ID: 343580

Lot: 2-0801-9141-00

Cntrs:

Order No.:

Customer:

Destination:

Print Date: 2009-02-09 12:55PM

Test Description	UOM	Result	Min.	Max.	Test Status
Any Individual Impurity	WT%	0. 0	0. 0	0. 1	PASS
Appearance		WHITE TO OFF-WHITE SOLID			PASS
Benzyl Alcohol, wt%	WT%	0. 00	0.00	0. 25	PASS
Benzyl-L-Valine	WT%	0. 0	0. 0	0. 2	PASS
Identity by FTIR	NONE	CONFORMS TO STANDARD			PASS
L-Valine	NONE	<0.10			PASS
Methoxycarbonyi-L-Vai	NONE	<0.1%			PASS
SPECIFIC ROTATION	DEGREES	999999. 0	-5. 0	-4 . 0	FAIL
T.U.R.S. A	WT%	0. 2	0. 0	0. 5	PASS
T.U.R.S. B	WT%	0. 2	0. 0	0. 5	PASS
Toluene wt%	WT%	0. 0	0. 0	0. 3	PASS
Total Rel. Substances	WT%	0. 2	0.0	1.7	PASS
Water wt%	WT%	0. 0	0.0	0. 5	PASS
Z-D-VALINE	WT%	0. 0	0. 0	0. 2	PASS
Z-L-Alanine	WT%	0. 01	0.00	0. 05	PASS
Z-L-VAL-VAL	WT%	0. 0	0. 0	0. 5	PASS
Z-L-isoluecine	WT%	0. 03	0.00	0. 05	PASS
Z-L-leucine	WT%	0.00	0.00	0. 05	PASS
Z-Valine, assay	WT%	100. 0	98. 0	102. 0	PASS

Manufacturing / Packaging Date: January 11, 2008	Retest Date: January 9, 2009
QC Authorization: Wash In	Date: 11 Fe 6 09
Title: QC Manager	

Zach System Corp. 914 South 16th Street La Porte, TX. 77571

Certificate of Analysis

Product: 055

Z-Valine

Sample ID: 346420

Order No.:

Lot: 2-0805-9734-00 Cntrs:

Customer:

Destination:

Print Date: 2009-02-09 12:56PM

Test Description	UOM	Result	Min.	Max.	Test Status
тос	PPM	999999. 0	0. 00	50. 0	FAIL

N/A		
Manufacturing / Packaging Date: May 27, 2008	Retest Date: May 26, 2009	
QC Authorization: Wool for	Date: 11 Feb 09	
Title: QC Manager		

Joy Baker

From:

Hollis Howard [hollishoward88@hotmail.com]

Sent:

Thursday, January 22, 2009 10:59 AM

To:

Joy Baker

Subject:

RÉ: surplus material

Heres the first items my client wants certs on.

Hollis

Need CofA's:

Z-Valine: 749.1 kg

4-Nitrophenyl Chloroformate: 1076 kg

Imidazole: 2400 kg Tributylamine: 6891 kg Z-L-Valine-NCA: 312.6 kg

From: jbaker@cesenvironmental.com To: hollishoward88@hotmail.com

Date: Wed, 21 Jan 2009 19:42:40 -0800

Subject: RE: surplus material

I will check on what certs are available. I would think so, but cannot say for sure right now. Thanks, Joy

From: Hollis Howard [mailto:hollishoward88@hotmail.com]

Sent: Wednesday, January 21, 2009 9:42 PM

To: Joy Baker

Subject: RE: surplus material

Thank you very much I'll get to work imeadiately on it. You're a joy to work with.

I'll need certs on anything that you offer me, do you have these?

I can see immeadiately you have some winners on this list.

Your Amino acids will be the first ones my guys will probably want.

Hollis

From: jbaker@cesenvironmental.com
To: hollishoward88@hotmail.com

Date: Wed, 21 Jan 2009 18:57:46 -0800

Subject: surplus material

This is what I have:

CDI-Carbonyl Diimidazole: 72.1 kg

Isopropanol: 531 kg Heptane: 359.3 liter Z-Valine: 749.1 kg

4-Nitrophenyl Chloroformate: 1076 kg

Triethylamine: 599 kg Imidazole: 2400 kg Tributylamine: 6891 kg SCA-NCA: 2148.6 kg

N-methyl Morpholine: 250 kg

Dry Sodium Hydrosulfite (88%): 756 kg

Z-L-Valine-NCA: 312.6 kg Acetic Anhydride: 1973 kg Potassium Carbonate: 153.2 kg

CIP-100 Cleaning Solution (Steris): 214.5 kg

1,4-Dioxane: 575.7 kg

4-(2-aminoethyl)-morpholine: 180 kg

Di-Butyl Ether: 391.2 kg Di-isopropyl Ether: 149.7 kg

Ammonium Chloride (technical grade): 6589.2 kg

L-tert-Leucine: 31 kg Dicyclohexylamine: 75 kg

Joy

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From: Hollis Howard [mailto:hollishoward88@hotmail.com]

Sent: Wednesday, January 21, 2009 4:49 PM

To: Joy Baker **Subject:** RE:

Please send me anything you have.

Hollis

From: jbaker@cesenvironmental.com
To: hollishoward88@hotmail.com

Date: Wed, 21 Jan 2009 11:01:14 -0800

Subject: RE:

Received. I will do my best to get this to you today.

Thanks, Joy

Joy Baker CES Environmental Services, Inc 4904 Griggs Rd Houston, TX 77021 mobile: 281-701-8511 fax: (713) 748-8664

jbaker@cesenvironmental.com

From: Hollis Howard [mailto:hollishoward88@hotmail.com]

Sent: Wednesday, January 21, 2009 12:03 PM

To: Joy Baker Subject:

Hi Joy as per our conversation here is my co info.

I have a long list of products I move long list of companies I have moved them for if you need. Please send me your surplus pharmaceutical list & I will make you cash offers on anything hot same day service.

Sincerely Hollis Howard University Products 830 N.1st Av Su 208 Phoenix Az.85003 559 736-5793

Hotmail® goes where you go. On a PC, on the Web, on your phone. See how.

Windows Live™: E-mail. Chat. Share. Get more ways to connect. See how it works.

Windows Live™ Hotmail®...more than just e-mail. See how it works.

Windows Live™: E-mail. Chat. Share. Get more ways to connect. See how it works.

EPAHO082001776

- Collections/Past due -

Rada 9/15
9/18 adjusted 30 39 57 718.57

Paid 133 days fr. 33 days fr. 33 adjustment

Lost \$815.49 in Commission

nad personal guarantee 32 and mounded for a

CES Environmental Services, Inc. (2005) A/R Aging Summary As of March 18, 2009

		Current	1 - 30	31 - 60	61 - 90	91 - 120	> 120	TOTAL	
	Accron, LP	0.00	1,172.82	0.00	0.00	0.00	0.00	1,172.82	
	Afton Chemical Corp - Port Arthur	0.00	1,972.66	599.99	0.00	0.00	0.00	2,572.65	
	Arkema (Atofina)	0.00	9,668.63	0.00	0.00	0.00	0.00	9,668.63	
	Bullzeye Tank Service	0.00	164.38	0.00	0.00	0.00	0.00	164.38	
	Dana Container (invoicing)	0.00	38,719.04	24,386.93	0.00	0.00	0.00	63,105.97 , Jyang 23	
	Delta Chemical Services	0.00	0.00	9,316.99	0.00	0.00	0.00	9,316.99 AN 4745	
	Delta Chemical - Deer Park	0.00	9,524.43	10,764.84	0.00	0.00	0.00	20,289.27	
	Delta Chemical Service -Sheldon	0.00	918.50	0.00	0.00	0.00	0,00	918.50	
Visa Im	EMA, Inc.	0.00	3,151.20	0.00	0.00	0.00	/ 0.00	3,151.20	
· ~] Mc.	Enviro Solution , ,	0.00	3,623.28	2,225.68	0.00	0.00	1,300.00	7,148.96 mil callulce	
11.5001	G&R Waste Oil Services-Gary / Roman	0.00	0.00	0.00	0.00	0.00	704.43	704.43	
V	Global Environmental 0 ′ ′	0.00	811.29	3,515.77	0.00	0.00	0.00	4,327.06	
	Green Earth Fuels	0.00	7,569.75	5,109.29	0.00	0.00	0.00	12,679.04	
	Gulf Coast Oil Recovery	0.00	0.00	0.00	0.00	0.00	500.00	12,679.04 500.00 Bob Kessell 1,363.50 Kara will call	
	Honing Inc.	0.00	1,363.50	0.00	0.00	, , 0.00	0.00	1,363.50 Kara us a cary	
	Hydril (HHP) (HEIP)	0.00	5,526.66	3,087.44	(1,928.24)	128/0.00	0.00	10,542.34	
	Hydril (McCarty)	0.00	15,324.98	2,660.60	2,266.41	19 5 10.00	0.00	20,251.99	
	Hydril HTC	0.00	646.38	2,309.31	0.00 0.00 0.00 X	10.00 10.00 10.00 0.00	0.00	2,955.69	
	Intergulf Corp. (Chem Sep)	00.88	22,406.53	0.00		0.00	0.00	22,406.53	
5	7 Mission Petroleum - Angelton かんしん いょ	44-60.00	303.00	909.00	لا 0.00	359.16	0.00	1,571.16	
	Mission Petroleum Carriers, Inc. 1いん	0.00	174.98	0.00	0.00	0.00	0.00	174.98	^
	MTI Services, LLC	0.00	424.20	0.00	0.00	0.00	0.00	424.20	ð
CX of	Noltex	0.00	28,838.02	0.00	(1,136.26_)	0.00	0.00	174.98 424.20 Short par 29,974.28 3,993.61 /3,192.72 Jank	سمسد
De Day	Phoenix Pollution Control	0.00	2,684.39	0.00	/(1,309.22	0.00	0.00	3,993.61	
Medon of	Preston Environmental (Commerical Met	0.00	505.00	2,687.72	0.00	0.00	0.00		
mobin	Rampak Group, Inc.	0.00	6,695.09	997.48	0.00	0.00/	-632.66.	8,325.23	
Garage and	Rineco Company	0.00	0.00	3,151.03	0.00	0.0ø	1,884.84	5.035.87 Dana	
1. M.	Select Environmental	0.00	0.00	0.00	623.47	0.00	(567.00)	1,190.47 emailed	
	Shell Oil (Galena Park)	0.00	1,708.81	306.19	Bruid 10.00	0.00	0.00		
	Solvay Chemicals, Inc.	0.00	0.00	0.00	pm 0.00	(514.50)	_0.00	514.50	
	Texas Blending & Warehousing	0.00	0.00	0.00	0.00	0.00	- 878.00	878.00	
	Tideport Distributing, Inc.	0.00	6,021.32	8,508.48	0.00	0.00	0.00	14,529.80	
	Turnerco Oil Service	0.00	0.00	0.00	0.00	0.00	1, 538<2 5	1,533.25	
	Vertex Recovery	0.00	0.00	0.00	0.00	0.00	64,607.51	64,607.51 winny us loke	
	Volcanic Heaters	0.00	0.00	0.00	0.00	0.00	279457	270.57	
	Working Solutions	0.00	0.00	86.37	0.00	0.00	0.00	86.37	
	Zach System Corp.	0.00	5,891.93	0.00	0.00	0.00	0.00	5,891.93	
-	TOTAL	0.00	175,810.77	80,623.11	7,263.60	873.66	72,878.26	337,449.40	

Tank Clean out

CES Environmental Services, Inc.

4904 Griggs Road Houston, TX 77021 Phone: (713) 676-1460 Fax: (713) 676-1676 **Invoice**

Date	Invoice #
11/30/2008	52317

Bill To: Mission Petroleum Carriers

Attn: Accounts Payable 8450 Mosley Rd. Houston, TX 77075

		P.O. No.	Terms	Pro	oject
			Net 30		
Quantity	Description	n	Manifest #	Rate	Amount
ı	10/28/08				
4	Transportation services by CES @ \$70 4 hour minimum Delivery of box # 605	0.00 per hour		70.00	280.00
	27% Fuel Surcharge			75.60	75.60
	1% Compliance Fee			3.56	3.50
	Control: John Pays Main # 7/3- Debbie CES Job # 74794 Fax	943-8250 Ingram in Alp ext 253 : 713-946-264	1		
We appreci	ate your business!		Subtotal		\$359.16
ccount is d	nt Policy: Any unpaid balances begining o lue will accrue a per annum interest rate of	· · · · · · · · · · · · · · · · · · ·	Sales Tax (8	.25%)	\$0.00
tated in a f	ormalized contract.	1	Total		\$359.16

10:06 AM 11/11/08 Accrual Basis

CES Environmental Services, Inc. (2005) **Customer Open Balance**

All	Trans	sactions
-----	-------	----------

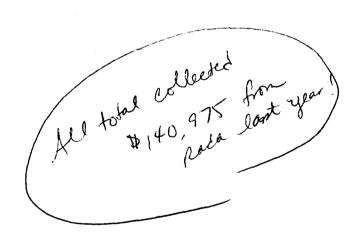
Type	Date	Num	Memo	Due Date	Open Balance	Amount
Rada Technolog	ies					
Invoice	9/10/2008	49539	wastewate	9/20/2008	29,142.37	29,142.37
Invoice	9/15/2008	49567	(green eart	9/25/2008	13,530.27	13,530.27
Invoice	9/15/2008	49609	wastewate	9/25/2008	12,188.30	12,188.30
Invoice	9/23/2008	49852	wastewate	10/3/2008	3,310.31	3,310. <u>3</u> 1
Invoice	9/26/2008	50021	wastewater	10/6/2008	8,603.28	part 8,603.28 part n
Invoice	9/30/2008	50198	wastewate	10/10/2008	2,500.41	(3100 3/ 2,500.41)
Invoice	10/27/2008	51037	wastewate	11/26/2008	29,658.90	(29,658.90) (\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Total Rada Techr	nologies	8			98,933.84	98,933.84
TOTAL		Chri	2 Lang		98,933.84	98,933.84
		•	(hu o			

11/25/08- talked to Robert Isras

paid a comple of the invoices in mail today.

Has already invoiced 6.5., but will pay us

as soon as they are closed out





Invoice

Date	Invoice #
9/30/2008	50073

4904 Griggs Road Houston, TX 77021 Phone: (713) 676-1460 Fax: (713) 676-1676

Bill To: G & R Waste Oil Services

Attn: Gary Tott 19478 Desna Dr. Porter, TX 77365

		P.O. No.	Terms	Pro	oject
			Net 30		
Quantity	Description		Manifest #	Rate	Amount
6,500	09/25/08 Recycling of oily water @ \$0.10 per gall	on	BOL 72671	0.10	650.00
	7 20/ Energy Suraharga			47.45	47.4
	1% Compliance Fee	, wany		6.98	6.9
	San of co	call pay is			
	CES job #72671				
Ve appreci	ate your business!		Subtotal		\$704.4
ccount is c	ent Policy: Any unpaid balances begining on the lue will accrue a per annum interest rate of 7.5°		Sales Tax (8	.25%)	\$0.0
tated in a f	ormalized contract.		Total		\$704.4

CES Environmental Services, Inc.

4904 Griggs Road Houston, TX 77021 Phone: (713) 676-1460 Fax: (713) 676-1676

Bill To:

Rampak Group, Inc.

Attn: Accounts Payable

1356 Kress St.

Houston, TX 77020-7421

Invoice

Date	Invoice #
10/31/2008	51343

Please let us know Payment Status for this invoice. If you need additional information feel free to give us a call

		Tour	10 510	- 42	C Cal
	1	Trankyon	1		
		P.O. No.	Terms	Pr	roject
			Net 30		<u> </u>
Quantity	Description	n 	Manifest #	Rate	Amount
	10/16/08				
10,440	Recycling of EVOH strands @ \$0.06	per lb	BOL 73899	0.06	626.40
	1% Compliance Fee			6.26	6.26
		Sew	f "New" ore w/ Backup	sinal Mgs	3/17/04
		3/17- Melba	talked w	Chay	and ema
We appreci	ate your business!		Subtotal		\$632.66
account is d	nt Policy: Any unpaid balances begining of ue will accrue a per annum interest rate of		Sales Tax (8.	25%)	\$0.00
stated in a f	ormalized contract.		Total		\$632.66

1:10 PM 10/15/08 **Accrual Basis**

CES Environmental Services, Inc. (2005) Customer Open Balance All Transactions

Туре	Date	Num	Memo	Due Date	Open Balance	Amount	
Rada Technolog	jies				A STATE OF THE PARTY OF THE PAR		
Invoice	8/18/2008	48603	wastewate	8/28/2008	28,078.57	28,078.57	
Invoice	8/20/2008	48742	wastewate	8/30/2008	6,402.89	6,402.89	4
Invoice	8/28/2008	49043	wastewate	9/7/2008	2,582.68	2,582.68	,
Invoice	8/31/2008	49190	wastewate	9/10/2008	4,977.02	4,977.02	1
Invoice	9/10/2008	49539	wastewate	9/20/2008	29,142.37	29,142.37	-
Invoice	9/15/2008	49567	(green eart	9/25/2008	13,530.27	13,530.27	
Invoice	9/15/2008	49609	wastewate	9/25/2008	12,188.30	12,188.30	
Invoice	9/23/2008	49852	wastewate	10/3/2008	3,310.31	3,310.31	
Invoice	9/26/2008	50021	wastewater	10/6/2008	8,603.28	8,603.28	
Invoice	9/30/2008	50198	wastewate	10/10/2008	2,500.41	2,500.41	
Total Rada Techi	nologies				111,316.10	111,316.10	
TAL					111,316.10	111,316.10	

EPAHO082001784

- Profiles on hold/waiting -

Somm, Inchood,
\$40/drum

load fee
\$300/load

Inchooding

To Mr dem.

4 fsc 24%.

60 drums



4904 Griggs Road Houston, TX Phone: (713) 676-1460 Fax: (713) 67 http://www.cesenvironmental.com

Houston, TX 77021 Fax: (713) 676-1676

TCEQ Industrial Solid Waste Permit No: 30948 U.S. EPA ID No: TXD008950461 ISWR No: 309 ISWR No: 30900



SECTION 1: General	stor Information	<i></i>			
Company:	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Schooner le	trolam - (Lorpus Christi	
Address:	8131	Still Well			
City, State, Zip:	Cureus C	huisty Dx. 7840	۹ (
Contact:		Music	Title:	Mount- Mgr.	
Phone No:		1- 8237	Fax No:		
24/hr Phone:					
U.S. EPA I.D. No:	<u> </u>				
State I.D.	CEGQ		SIC Code:		
an anyon A. Dilli		a			
SECTION 2: Billing					
Company:	Select				
Address:	223 A				
City, State, Zip:		× . 77029	£ 0.5		·
Contact:	16 m/ whi		<u> Seles</u>		
Phone No:	281-960-391	Fax No):		
SECTION 3: General	al Description of th	e Waste			
	MARCA 0 1 A	adulia Nobeic			
Name of Waste: O Detailed Description	of Process Genera	nixture, Dehris ting Waste: <u>lefe</u> uce	- Existing f	Posite / Houston C	ocation
Physical State:	☐ Liquid	⊠ Sludge	☐ Powder		
i nysicai State.	_	Filter Cake	Combination		
^	Solid	Finer Cake	(N) Commination		
Color: Bluk		Odor: Hychocaho-			
Color: 157					
Specific Gravity (was	ter=1): <u>NA</u>	Density: NA lbs/	gal		
Layers:	Single-phase	Multi-phas	e		
Container Type:	⊠ Drum	☐ Tote	☐ Truck	Other (explain)	
	55, J.		IIuck	Ctuel (explain)	
Container Size:	233011			<u></u>	
				_	
Frequency:	☐ Weekly	Monthly	Quarterly	☐ Yearly	
Number of Units (co	ntainers): 10	Other:			
Texas State Waste C	ode No:	Recycle	_ _		
			2 / 1 /		
Proper U.S. DOT Sh		Vonvec			tysal
Class:	UN/N	(A: Clip	PG: NID	O RQ:	<u>,</u>
<u> </u>		- 	<u>.√h</u> s	<u> </u>	<i>I</i>
Flash Point	pH	Reactive Sulfides	Reactive Cy	anides Solids	 -
NA	NIA	Na mg/l	DA mg/	Mindes Solids	
Oil&Grease	TOC	Zinc	Copper	Nickel	
NA mg/l	Mp mg/l	M/A mg/l	M// mg/l	M/A mg/l	

SECTION 4: Physical and Chemical Data

COMPONENTS TABLE	Concentration	Units
COMPONENTS TABLE The waste consists of the following materials	Ranges are acceptable	or %
oil		20
Greek		50
Debris		30
		<u> </u>
	·	

					11
	Greek				50
	Debris				30
					_
SECTION 5: Safety R	elated Data				
If the handling of this v	vaste requires the use o	f special protecti	ve equipment, ples	se explain.	
					
SECTION 6: Attached	Supporting Document	<u>s</u>			
List all documents, noted	es, data, and/or analysis proad ProFi	attached to this	form as part of th	e waste approval packa	ge.
SECTION 7: Incompa					
Please list all incompat					
SECTION 8: Generate	or's Knowledge Docum	entation			
Laboratory analysis of generator knowledge:	the hazardous waste ch	aracteristics, lis	ted below, WAS N	OT PERFORMED base	d upon the following
TCLP Metals: TCLP Volatiles: TCLP Semi-Volatiles: Reactivity: Corrosivity: Ignitability:					
SECTION 9: Generate	or's Certification				
attached description is	complete and accurate to on properties exist and the of all materials described	o the best of my lat all known or	knowledge and al suspected hazards b	alytical data. I hereby cerbility to determine that representation of the control	io deliberate or willfi
Printed Name/Title: _	JA O'Ki	<u>~</u>		_	
CES USE ONLY (DO NOT)	WRITE IN THIS SPACE)		····		
Compliance Officer:			Additional Infor	nation:	
Date:	prover	Rejected			
Approval Number:					

SE	CCTION 10: Waste Receipt Classification Under 40 CFR 437
Is	this material a wastewater or wastewater sludge? YES NO
If	'Yes', complete this section.
PI	LEASE CHECK THE APPROPRIATE BOX. IF NO APPROPRIATE CATEGORY, GO TO THE NEXT PAGE.
Meta	als Subcategory: Subpart A
	Spent electroplating baths and/or sludges Metal finishing rinse water and sludges Chromate wastes Air pollution control blow down water and sludges Spent anodizing solutions Incineration wastewaters Waste liquid mercury Cyanide-containing wastes greater than 136 mg/l Waste acids and bases with or without metals Cleaning, rinsing, and surface preparation solutions from electroplating or phosphating operations Vibratory deburring wastewater Alkaline and acid solutions used to clean metal parts or equipment
<u>Oils</u>	Subcategory: Subpart B
	Used oils Oil-water emulsions or mixtures Lubricants Coolants Contaminated groundwater clean-up from petroleum sources Used petroleum products Oil spill clean-up Bilge water Rinse/wash waters from petroleum sources Interceptor wastes Off-specification fuels Underground storage remediation waste Tank clean-out from petroleum or oily sources Non-contact used glycols Aqueous and oil mixtures from parts cleaning operations Wastewater from oil bearing paint washes
Orga	nics Subcategory: Subpart C
	Landfill leachate Contaminated groundwater clean-up from non-petroleum sources Solvent-bearing wastes Off-specification organic product Still bottoms Byproduct waste glycol Wastewater from paint washes Wastewater from adhesives and/or epoxies formulation
	Wastewater from organic chemical product operations Tank clean-out from organic, non-petroleum sources

(1)	If the w	aste contains oil and grease at or in excess of 100 mg/L, the waste should be classified in the oils subcategory.						
(2)		If the waste contains oil and grease less than 100 mg/L, and has any of the pollutants listed below in concentrations in exces of the values listed below, the waste should be classified in the metals subcategory.						
	Chromi Copper	m: 0.2 mg/L um: 8.9 mg/L : 4.9 mg/L 37.5 mg/L						
(3)		aste contains oil and grease less than 100 mg/L, and does not have concentrations of cadmium, chromium, copper, o bove any of the values listed above, the waste should be classified in the organics subcategory.						
		Metals Subcategory						
		Oils Subcategory						

SECTION 11: Additional Instructions

Organics Subcategory

If you cannot determine the correct subcategory in Section 9 and you did not furnish data for the concentration of Cadmium, Chromium, Copper, Nickel, and Oil and Grease, CES will send offsite to a commercial laboratory a sample to determine these concentrations. This will be prior to acceptance. The generator will be responsible for the cost of the analysis.



PROCESS FACILITY INFORMATION (CES USE ONLY!!)

	Base Pricing (including freight):
	#40/dnim
	\$200 1100d trans + fsc () hr loading)
	\$300 /load trans +fsc (1hr loading)
2.	Contamination Limits (maximum limit before surcharges apply):
	- N)A
•	Sample and Delivery
3.	Surcharge Pricing:
	N/A
4.	Special Testing Requirements:
5.	Treatment and Handling Protocol:
	Recyclable Oily Wask
6.	Treated Wastewater Discharge Subcategory:
	☐ Subcategory A ☐ Subcategory B ☐ Subcategory C

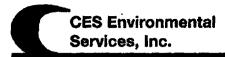


PROCESS FACILITY INFORMATION (CES USE ONLY!!)

Pumpable	O;L	Content	or	Add	40	Recycled	
Dil Pa	ada/Sov	bent				0	
			Pumpable Oil Content Oil Pada/Sorbent				Pumpable Oil Content or Add to Recycled Oil Pads/Sorbent

8. Management for Product Recovered/Recycled (if applicable):

Recyclubble Only Waste



4904 Griggs Road Phone: (713) 676-1460 Houston, TX 77021 Fax: (713) 676-1676

http://www.cesenvironmental.com

TCEQ Industrial Solid Waste Permit No: 30948
U.S. EPA ID No: TXD008950461 ISWR No: 30900

SECTION 1: General Company: Address: City, State, Zip: Contact: Phone No: 24/hr Phone: U.S. EPA I.D. No: State I.D.	tor Information 4 West Greenbrier Don Jacka 501-619-6 Cesa (250	-, Arkansky mure	72058	Must. Mr.
SECTION 2: Billing				
Company:Address:	Sclest En			
City, State, Zip:	Houston	1 Nr. 77029		
Contact:	العب برالعثل	Title:	Caley	
Phone No:	281-960 3	·		
SECTION 3: Genera				
Name of Waste: O Detailed Description	recre, Oil, Ide of Process Generation	his Mir tu ng Waste: <u>Petruu</u>	Existi, Putile	/1/2/for
Physical State:	□ Liquid ⊠≲Solid	Sludge [Filter Cake	☐ Powder ☑ Combination	
Color: Blak		dor: Hicken de		
Specific Gravity (wat	er=1):	Density: lbs/gal		
Layers:	Single-phase	Multi-phase		
Container Type:	Drum	☐ Tote ☐] Truck [Other (explain)
Container Size:	<u> 55</u>		·	
	 :			
Frequency:	☐ Weekly	Monthly [] Quarterly [Yearly
Number of Units (cor	^.	Other:	<u> </u>	
Texas State Waste Co				
Proper U.S. DOT Shi	·			
Class:	UN/NA	<i>λ</i> :	PG:	RQ:
Flash Point	pH	Reactive Sulfides	Reactive Cyanide	s Solids
		mg/l	mg/l	%
Oil&Grease	TOC	Zine	Copper	Nickel
mg/l	mg/l	mg/l	mg/i	mg/l

SECTION 4: Physical and Chemical Data

COMPONENTS TABLE The waste consists of the following materials	Concentration Ranges are acceptable	Units or %
Grin	50	1 70
0,1	20	
Debas	30	

Gren	50	
0,1	20	
Ochas	30	
SECTION 5: Safety Related Data If the handling of this waste requires the use of special pro SECTION 6: Attached Supporting Documents	otective equipment, please explain.	
List all documents, notes, data, and/or analysis attached to	o this form as part of the waste approval package.	
	b tills form as part of the waste approval package.	
SECTION 7: Incompatibilities Please list all incompatibilities (if any):		
SECTION 8: Generator's Knowledge Documentation		
Laboratory analysis of the hazardous waste characteristic generator knowledge:	es, listed below, WAS NOT PERFORMED based upon the fo	llowing
TCLP Metals: TCLP Volatiles: TCLP Semi-Volatiles: Reactivity: Corrosivity: Ignitability:		
SECTION 9: Generator's Certification		
The information contained herein is based on generator k attached description is complete and accurate to the best o omissions of composition properties exist and that all known tested are representative of all-materials described by this documents.	knowledge and/or analytical data. I hereby certify that the a of my knowledge and ability to determine that no deliberate of nor suspected hazards have been disclosed. I certify that the cument. Date:	ıbove an or willfu material
Authorized Signature: 5 ef Off	Date: 1-29-08	
To the second		
ODD MAD ALL THE MODIFIED TO THE OWN OWN		
CES USE ONLY (DO NOT WRITE IN THIS SPACE)		
Compliance Officer:	Additional Information:	_
Date: Approved Rejected	ed	_
Approval Number:		

SECTION 10: Waste Receipt Classification Under 40 CFR 437 Is this material a wastewater or wastewater sludge? YES If 'Yes', complete this section. PLEASE CHECK THE APPROPRIATE BOX. IF NO APPROPRIATE CATEGORY, GO TO THE NEXT PAGE. Metals Subcategory: Subpart A Spent electroplating baths and/or sludges Metal finishing rinse water and sludges Chromate wastes Air pollution control blow down water and sludges Spent anodizing solutions Incineration wastewaters Waste liquid mercury Cyanide-containing wastes greater than 136 mg/l Waste acids and bases with or without metals Cleaning, rinsing, and surface preparation solutions from electroplating or phosphating operations Vibratory deburring wastewater Alkaline and acid solutions used to clean metal parts or equipment Oils Subcategory: Subpart B Used oils Oil-water emulsions or mixtures Lubricants Coolants Contaminated groundwater clean-up from petroleum sources Used petroleum products Oil spill clean-up Bilge water Rinse/wash waters from petroleum sources Interceptor wastes Off-specification fuels Underground storage remediation waste Tank clean-out from petroleum or oily sources Non-contact used glycols Aqueous and oil mixtures from parts cleaning operations Wastewater from oil bearing paint washes Organics Subcategory: Subpart C Landfill leachate Contaminated groundwater clean-up from non-petroleum sources Solvent-bearing wastes Off-specification organic product Still bottoms Byproduct waste glycol Wastewater from paint washes Wastewater from adhesives and/or epoxies formulation Wastewater from organic chemical product operations Tank clean-out from organic, non-petroleum sources

If the waste contains oil and grease at or in excess of 100 mg/L, the waste should be classified in the oils subcategory. (1) If the waste contains oil and grease less than 100 mg/L, and has any of the pollutants listed below in concentrations in excess (2) of the values listed below, the waste should be classified in the metals subcategory. Cadmium: 0.2 mg/L Chromium: 8.9 mg/L Copper: 4.9 mg/L Nickel: 37.5 mg/L If the waste contains oil and grease less than 100 mg/L, and does not have concentrations of cadmium, chromium, copper, or (3) nickel above any of the values listed above, the waste should be classified in the organics subcategory. Metals Subcategory Oils Subcategory

SECTION 11: Additional Instructions

Organics Subcategory

If you cannot determine the correct subcategory in Section 9 and you did not furnish data for the concentration of Cadmium, Chromium, Copper, Nickel, and Oil and Grease, CES will send offsite to a commercial laboratory a sample to determine these concentrations. This will be prior to acceptance. The generator will be responsible for the cost of the analysis.

Non-segulated solids.

Polymerized MDT and other non segulated

Solids.

05083891 05104091

HTZ

Non from work code

Non from parker from polymers.

CES Environmental Services, Inc.

4904 Griggs Road Phone: (713) 676-1460 Houston, TX 77021

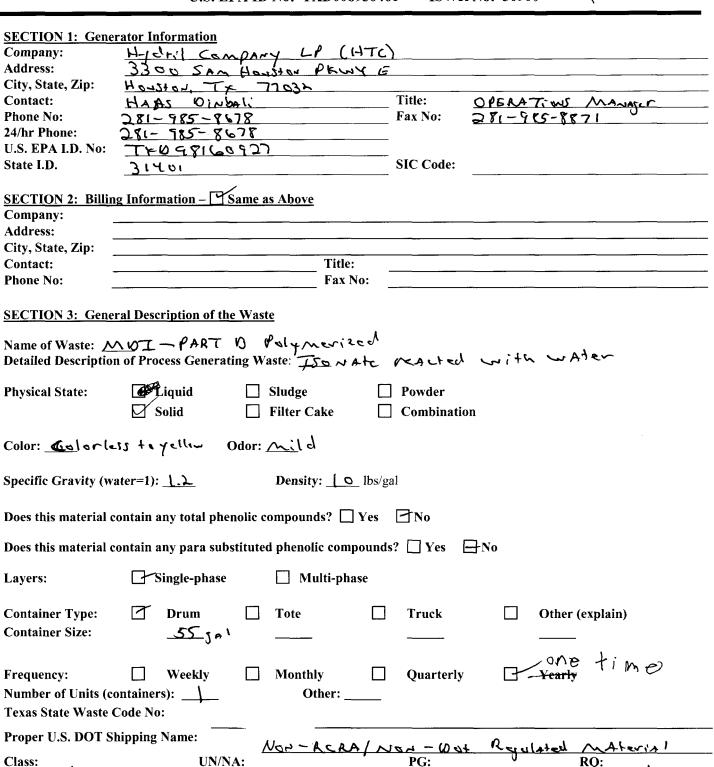
Fax: (713) 676-1676

http://www.cesenvironmental.com

TCEQ Industrial Solid Waste Permit No: 30948

U.S. EPA ID No: TXD008950461

ISWR No: 30900



NA

Flash Point	pН	Reactive Sulfides		ve Cyanides	Solids	
>4 55	414	<u>~A</u> mg/l	NA.		NA.	<u>%</u>
Oil&Grease	TOC	Zine	Copper	/I Nickel		
<u>~ A _</u> mg/l	<u> </u>	<u>A ←</u> mg/l	<u> </u>		_mg/1	
SECTION 4: Phy	sical and Chemic	al Data				
		ENTS TABLE		Concentrati		Units
Th	e waste consists o	f the following materials		Ranges are acce	ptable	or %
Polyurethan	A Prepalar	ner of MOI + Dolvethe	~ Delen)	45-55		a/a
Oipany 107	صمید ظ	we of MOI + polyethe	M(02)	45-57		410
	• • • • • • • • • • • • • • • • • • • •					
CECTION 5 C C	4 D I 4 I D 4					
SECTION 5: Safe	ety Kelated Data					
If the handling of ろけん べん かん	this waste require	es the use of special protective	e equipment,	please explain.		
SECTION 6: Att	ached Supporting	Documents				
		<u>Documents</u> For analysis attached to this fo	orm as part o	of the waste approv	al packag	ge.
			orm as part o	of the waste approv	al packag	ge.
List all documents	s, notes, data, and		orm as part o	of the waste approv	al packag	ge.
List all documents	s, notes, data, and		orm as part o	of the waste approv	al packag	ge.
List all documents SECTION 7: Inco	s, notes, data, and ompatibilities	/or analysis attached to this fo	orm as part o	f the waste approv	al packag	ge.
	s, notes, data, and ompatibilities	/or analysis attached to this fo	orm as part o	of the waste approv	al packag	ge.
List all documents SECTION 7: Incomplease list all incomp	s, notes, data, and ompatibilities mpatibilities (if a	/or analysis attached to this fo	orm as part o	of the waste approv	al packag	ge.
List all documents SECTION 7: Incomplease list all incomp	s, notes, data, and ompatibilities mpatibilities (if a	/or analysis attached to this fo	orm as part o	f the waste approv	al packag	ge.
SECTION 7: Incomplete Incomplete Ist all incomplete	s, notes, data, and ompatibilities mpatibilities (if an nerator's Knowled sis of the hazardo	/or analysis attached to this fo				
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SECTION 7: Incomplete Incomplete Ist all incomplete	s, notes, data, and ompatibilities mpatibilities (if an nerator's Knowled sis of the hazardodge:	l/or analysis attached to this fonds				
SECTION 7: Incomplete Incomplete Ist all incomplete	s, notes, data, and ompatibilities mpatibilities (if an nerator's Knowled sis of the hazardodge:	l/or analysis attached to this fonds				
SECTION 7: Incomplete Incomplete Ist all incomplete	s, notes, data, and ompatibilities mpatibilities (if an nerator's Knowled sis of the hazardodge:	l/or analysis attached to this fonds				
SECTION 7: Incomplete Incomplete Ist all incomplete	s, notes, data, and ompatibilities mpatibilities (if an nerator's Knowled sis of the hazardodge:	l/or analysis attached to this fonds				
SECTION 7: Incomplete Incomplete Ist all incomplete	ompatibilities mpatibilities (if and and and and and and and and and and	l/or analysis attached to this fonds				
List all documents SECTION 7: Incomplease list all incomplease list all	ompatibilities mpatibilities (if and and and and and and and and and and	l/or analysis attached to this for analysis attached to the foreign at the foreign at the foreign attached to the foreign at t				
List all documents SECTION 7: Incomplease list all incomplease list all	ompatibilities mpatibilities (if and and and and and and and and and and	l/or analysis attached to this for analysis attached to the foreign at the foreign at the foreign attached to the foreign at t				
List all documents SECTION 7: Incomplease list all incomplease list all	mpatibilities mpatibilities (if an erator's Knowled sis of the hazardo dge: merator's Certification is complete and obsistion properties	l/or analysis attached to this for analysis attached to the foreign at the foreign at the foreign attached to the foreign at t	d below, WAS	S NOT PERFORM analytical data. I he	IED based	d upon the follow
List all documents SECTION 7: Incomplease list all incomplease list all	mpatibilities mpatibilities (if an erator's Knowled sis of the hazardo dge: merator's Certification is complete and existence of all material entire of all material entire is a continuous of all material entire of all material entire entir	ny): dge Documentation us waste characteristics, lister based on generator knowled accurate to the best of my k exist and that all known or su	d below, WAS	S NOT PERFORM analytical data. I he	nereby cerine that nosed. I ce	tify that the above to deliberate or westify that the mate
SECTION 7: Incomplete Incomplete Ist all incomplete	mpatibilities mpatibilities (if an erator's Knowled sis of the hazardo dge: merator's Certification is complete and consition properties tative of all materiature:	ny): dge Documentation us waste characteristics, lister based on generator knowled accurate to the best of my k exist and that all known or su	d below, WAS	analytical data. I he dability to determineds have been disclose	nereby cerine that nosed. I ce	tify that the above to deliberate or westify that the mate

Compliance Officer:

Date: _____ Approved Rejected

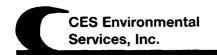
Approval Number:

5	SECTION 10: Waste Receipt Classification Under 40 CFR 437
I	s this material a wastewater or wastewater sludge? YES NO
I	f 'Yes', complete this section.
1	PLEASE CHECK THE APPROPRIATE BOX. IF NO APPROPRIATE CATEGORY, GO TO THE NEXT PAGE.
<u>Me</u>	etals Subcategory: Subpart A
	Spent electroplating baths and/or sludges Metal finishing rinse water and sludges Chromate wastes Air pollution control blow down water and sludges Spent anodizing solutions Incineration wastewaters Waste liquid mercury Cyanide-containing wastes greater than 136 mg/l Waste acids and bases with or without metals Cleaning, rinsing, and surface preparation solutions from electroplating or phosphating operations Vibratory deburring wastewater Alkaline and acid solutions used to clean metal parts or equipment
<u>Oil</u>	's Subcategory: Subpart B
	Used oils Oil-water emulsions or mixtures Lubricants Coolants Contaminated groundwater clean-up from petroleum sources Used petroleum products Oil spill clean-up Bilge water Rinse/wash waters from petroleum sources Interceptor wastes Off-specification fuels Underground storage remediation waste Tank clean-out from petroleum or oily sources Non-contact used glycols Aqueous and oil mixtures from parts cleaning operations Wastewater from oil bearing paint washes
<u>Or</u>	ganics Subcategory: Subpart C
	Landfill leachate Contaminated groundwater clean-up from non-petroleum sources Solvent-bearing wastes Off-specification organic product Still bottoms Byproduct waste glycol Wastewater from paint washes
	Wastewater from adhesives and/or epoxies formulation Wastewater from organic chemical product operations Tank clean-out from organic, non-petroleum sources

(1)	If the v	waste contains oil and grease at or in excess of 100 mg/L, the waste should be classified in the oils subcategory.
(2)		waste contains oil and grease less than 100 mg/L, and has any of the pollutants listed below in concentrations in excess values listed below, the waste should be classified in the metals subcategory.
	Chrom Coppe	um: 0.2 mg/L nium: 8.9 mg/L r: 4.9 mg/L : 37.5 mg/L
(3)		waste contains oil and grease less than 100 mg/L, and does not have concentrations of cadmium, chromium, copper, or above any of the values listed above, the waste should be classified in the organics subcategory.
		Metals Subcategory
		Oils Subcategory
	П	Organics Subcategory

SECTION 11: Additional Instructions

If you cannot determine the correct subcategory in Section 9 and you did not furnish data for the concentration of Cadmium, Chromium, Copper, Nickel, and Oil and Grease, CES will send offsite to a commercial laboratory a sample to determine these concentrations. This will be prior to acceptance. The generator will be responsible for the cost of the analysis.



PROCESS FACILITY INFORMATION (CES USE ONLY!!)

1.	Base Pricing (including freight):
	\$65/dnumt trans+f52
2.	Contamination Limits (maximum limit before surcharges apply):
	No free lignids.
3.	Surcharge Pricing:
	Standard
4.	Special Testing Requirements:
5.	Treatment and Handling Protocol:
	Shred. Class 2. NH
6.	Treated Wastewater Discharge Subcategory:
	☐ Subcategory A ☐ Subcategory B ☐ Subcategory C



PROCESS FACILITY INFORMATION (CES USE ONLY!!)

7.	Tests for Product Recovered/Recycled (if applicable):
8.	Management for Product Recovered/Recycled (if applicable);



Texas Commission on Environmental Quality (TCEQ) One-Time Shipment Request for Texas Waste Code For Shipment of Hazardous and Class 1 Waste

Pursuant to the generator notification requirements of 30 Texas Administrative Code (TAC) Section 335.6, the generator of a solid waste is required to submit to TCEQ detailed written information pertaining to the composition and characteristics of the waste. Please complete all applicable sections. Incomplete forms will delay processing. Assigned waste codes cannot be changed without prior approval from TCEQ.

delay processing. Assigned waste codes cannot be changed without prior approval from TCEQ.									
Generator Contact Person: HAAS WINGAL!									
Generator Company Name: 14y dril company LP (HTC) Generator Mailing Address: 3300 SAM Houston Parkway									
Generator Mailing Address: 3300	SAM Ho	w 57 em	Park	YAL					
Hous	ton, Tx	77032							
Generator Phone No.: (281) 985-8678 Generator Fax No.: (281) 985-8871									
Texas Solid Waste Registration (SWR) No. (Only If Registered) U.S. EPA Identification No.									
Generating Site Location: (check if san Must be street address or physical description included)	ne as above) 🖭 ling zip code)								
Designated Treatment, Storage, and/or	Disposal Facilit	y name a	and add	ress: C	ES E	~~;ReN	ne ut al		
4904 Grigs Rd Howst	_	1021							
		*(Only fill ou	t System			ource Code G25.		
Description of Waste (Do Not Use DOT description or Trade	name)	Form	Class Code	Origin Code	Source	System Type Code*	EPA Waste Code		
1. MOI-PAr+B polyner	ized 4	63		3	GII	14141			
, , , , , , , , , , , , , , , , , , ,	7.	exas Wa Assigned	ste Code by TCE); Q)					
2.									
	7,2	exas Wa Assigned	ste Code by TCE	Ġ)					
I certify that the above information is com	Generator	•			edge.				
South 1					21.1	. 100			
Signature Signature				Da	ate 7/	4/08	-		
Company Name: (If different than generator)	whommen	dal	Sens	ices	100				
4904 Griggo	Rd, Hor	regon,	R	270	521				
Company Phone No.: (7/3)676	-1460	Com	pany Fa	x No.:	(713)	676	1676		
Processed Date:	Processed By:				TCEQ Regio	on:			

If you have questions on how to fill out this form or about the One-Time Shipment program, please contact us at 512/239-6413.

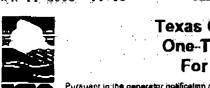
Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 512/239-3282.

TCEQ-0757 (Rev. 05/10/2007)

Apr 16 2008

CES Environmental Service APR-11-2008 11:10

P.02



Texas Commission on Environmental Quality (TCEQ) One-Time Shipment Request for Texas Waste Code For Shipment of Hazardous and Class 1 Waste

Pursuant to the generator notification requirements of 30 Tex TCEQ detailed written information partializing to the compositively processing. Assigned waste codes cannot be changed	ion and charactensi	ics of the wa	ata Pleasa	i, line generalor complete all app	of a so	olid weste	s required to s incomplete fo	ubmit to	
Generator Contact Person: HAAS DINBAL					ŀ				
Generator Company Name: 144 dril comp	DAY LP	CH-	TC)	··· · · · · · · · · · · · · · · · · ·					•
Generator Mailing Address: 3300 SA	House	Park				•			
Heuston, T	× 7703	_		· .					
Generator Phone No.: (ЭТ) 985-867	Ger	erator F	ад No.:	(2 KI),	٠ ۲	5- 8	871		·
Texas Solid Waste Registration (SWR) No. 31401 (QC) (Only if Registered)	hve u.s	. EPA ntificatio	n No.	Tr099	110	ر رو و و ر) 		
Generating Site Location: (check if same as above Must be street address or physical description including zip code)	o) ⁽³ /						••		•
Designated Treatment, Storage, and/or Disposal F		and add	ress: ∠	ES E.	-	بهمها	سو عم ما		
4904 Grigs Rd Houston, Tr	73071			T C. 1 K		.1			
		Unity Rill of		Type Code it	100		-		
Description of Waste (Do Not Use DOT description or Trade name)	Form	Class	Origin Code	Source	Ave to	Type Code	EPA Waste	9000	
1. MOI-PAC+B Palymerized	403	1	3	GII	1	141			W402
	Texas Wa (Assigned	by TCE	(Q)				· · ·		
2.									
	Texas Wa (Assigned	ste Cad	 e; (Q)				1		
Gener	ator/Repres	sentatí	/e		7	•			
I certify that the above information is complete and a				edge.	-			,	
lon but				4/1		2 V			
Signalure	,		Da	ale //	1	;			
Company Name: (55 Environm	renata l	50-0	À (PA	100				:	
Company Mailing Address:			,			; .		 	
4904 Griggo Rd 1-	tonson	R	200	521					
Company Phone No.: (7/3)1/296-1468	Con	npany F	x No.:	(713)	0	76~	1676	<u> </u>]
Processed Date 4.16,08 Processed B	ly Did	Du		CEQ Regio	n;	12			
If you have questions on how to fill out this form or about the individuals are entitled to request and review their personal information corrected. To review such information, contact us at 5 TCEQ-0757 (Rev. 05/10/2007).	alion that the age	ment progr ency galher	ram, plaas s on its for	e contact us ms. They ma	el 5	have a	113. By arrors in th	eir L	

Some levels for too his too



4904 Griggs Road Phone: (713) 676-1460 Houston, TX 77021

Fax: (713) 676-1676

http://www.cesenvironmental.com

TCEQ Industrial Solid Waste Permit No: 30948 U.S. EPA ID No: TXD008950461 ISWR No: 30900

SECTION 1: Gene	rator Information		
Company:	Nelson Machine Products		
Address:	7131 Jack Rabbit Rd		
City, State, Zip:	Houston, Texas 77095		
Contact:	Monte Dick	Title:	Ops Mgr
Phone No:	713-819-1071	Fax No:	
24/hr Phone:	same		
U.S. EPA I.D. No:	None	_	
State I.D.	CESQG	SIC Code:	3469
SECTION 2: Billin	ig Information – 🔲 Same as Above		
Company:	Preston Environmental Consultants, LLC.		
Address:	PO Box 697		
City, State, Zip:	Denham Springs, LA. 70727		
Contact:	Robby Mersiovsky/Cathy Preston Title	,	· · · · · · · · · · · · · · · · · · ·
Phone No:	713-882-7740/225-664-7767 Fax I		2/225-664-8655
t none ito.	rag i	10. 032-34-3432	7223-004-6033
SECTION 2. Cond	mal Description of the Worts		
SECTION 5. Gene	ral Description of the Waste		
Name of Waste: Ga	arnet and water	•	
	n of Process Generating Waste: water and	sand used to out alum	inum
Detailed Description	of Freedy Centrating Waste. Water with	saire used to cut aidin	<u>inam</u>
Physical State:	x Liquid n Sludge	Powder	
ilysical state.		=	
	Solid Filter Cake	Combination	n
Calaman	04.		
Color: tan	Odor: none	•	
	- 4		
Specific Gravity (wa	ater=1): Density:	_ lbs/gal	
Does this material c	ontain any total phenolic compounds? 🔲	Yes 🛛 No	
			_
Does this material c	ontain any para substituted phenolic com	pounds? 🔲 Yes 🛛	☑ No
_			
Is the Waste subject	to the benzene waste operation NESHAP	? (40 CFR Part 61, S	Subpart FF) 🗌 Yes 🛛 No
	r waste contains benzene AND if the SIC co		<u> </u>
2812 2813 281			2835 2836 2841 2842 2843
2844 2851 286		76 28 79 289 1	2892 2893 2896 2899 2911
3312 4953 495	59 9511		
T			
Layers:	☐ Single-phase	se	
.		_	
Container Type:	☐ Drum ☐ Totc	Truck	X Other (explain)
Container Size:			Vac box
Frequency:	Weekly Monthly Quarterly	Yearly 🔲	O-a Ti-a
• • -		-	One time
Number of Units (co	ontainers): Other:		

Is this a USEPA "	Hazardous Waste" p	er 40CFR 261.3? 🔲 Y	es 🖂 No			
		D002 Corrosive D		:		
·	-	004 D005 D006			□ D009 □ D	010 🔲 D011
		12 thru D043 (please list				
	_	-				
Texas Waste Code	Number: EXCESO	16091 CESQ-6 Regulated Liquid Non PG: NA	091			
Proper US DOT S	hinning Name: Non I	Regulated Liquid Non	DOT/NO	n RCRf	1 Regalet	وط
Class: N) N	UN/NA: N) A	PG: NA	·	RO:	Na	
C111301 E (11)				~~ ~ ~	· [+ 1	
Flash Point	pH	Reactive Sulfides	Dage	tive Cyanid	es Solids	
>200	7	Omg/l	Omg/	-	59%	•
Oil&Grease	TOC	Zine	Copper		Nickel	
0mg/l	mg/l	mg/l	n	g/l	mg/l	
SECTION 4. Phy	sical and Chemical D	lota				
SECTION 4. Tuy	COMPONEN			Com	centration	Units
Th		e following materials			are acceptable	ог %
Sludge/Aluminum				59%		+
Water				41%		
						+
					7	

				· · · · · · · · · · · · · · · · · · ·		
SECTION 5: Safe	ty Related Data					
		ie use of special protectiv	a aquinment	pleese eve	lain	
none	ilis waste i equiles til	ie use of special protectiv	e eduibment	, рісазе ехр	[3][].	
		•				
SECTION 6: Atta	ched Supporting Do	<u>cuments</u>				
List all documents	notes, data, and/or	analysis attached to this f	form as part	of the waste	e approval packa	ge.
SECTION 7: Inco	mpatibilities					
Please list all incom	apatibilities (if any):					
SECTION 8: Gen	erator's Knowledge l	Documentation				
Laboratory analys generator knowled		vaste characteristics, liste	d below, WA	S NOT PE	RFORMED base	ed upon the follow
TCLP Metals: TCLP Volatiles: TCLP Semi-Volati	les: 🙀					

Apr 16 08 11:17a

Preston Environmental

832-344-5452

p.4

SECTION 9:	Generator's	Certification

attached description is complete and accurate to the best of n	Date: 04-16-88
CES USE ONLY (DO NOT WRITE IN THIS SPACE)	
Compliance Officer:	
Date: Approved Rejected	
Approval Number:	

Tank clean-out from organic, non-petroleum sources

<u>SEC</u>	TION 10: Waste Receipt Classification Under 40 CFR 437
Ist	this material a wastewater or wastewater sludge? YES NO
If	'Yes', complete this section.
PL	EASE CHECK THE APPROPRIATE BOX. IF NO APPROPRIATE CATEGORY, GO TO THE NEXT PAGE.
<u>Meta</u>	uls Subcategory: Subpart A
	Spent electroplating baths and/or sludges Metal finishing rinse water and sludges Chromate wastes Air pollution control blow down water and sludges Spent anodizing solutions Incineration wastewaters Waste liquid mercury Cyanide-containing wastes greater than 136 mg/l Waste acids and bases with or without metals Cleaning, rinsing, and surface preparation solutions from electroplating or phosphating operations Vibratory deburring wastewater Alkaline and acid solutions used to clean metal parts or equipment
Oils.	Subcategory: Subpart B
	Used oils Oil-water emulsions or mixtures Lubricants Coolants Coolants Contaminated groundwater clean-up from petroleum sources Used petroleum products Oil spill clean-up Bilge water Rinse/wash waters from petroleum sources Interceptor wastes Off-specification fuels Underground storage remediation waste Tank clean-out from petroleum or oily sources Non-contact used glycols Aqueous and oil mixtures from parts cleaning operations Wastewater from oil bearing paint washes
<u>Orga</u>	nics Subcategory: Subpart C
	Landfill leachate Contaminated groundwater clean-up from non-petroleum sources Solvent-bearing wastes Off-specification organic product Still bottoms Byproduct waste glycol Wastewater from paint washes Wastewater from adhesives and/or epoxies formulation
П	Wastewater from organic chemical product operations

Apr 16 08 01:29p Preston Environmental 832-344-5452 p.6

- (1) If the waste contains oil and grease at or in excess of 100 mg/L, the waste should be classified in the oils subcategory.
- (2) If the waste contains oil and grease less than 100 mg/L, and has any of the pollutants listed below in concentrations in excess of the values listed below, the waste should be classified in the metals subcategory.

Cadmium: 0.2 mg/L Chromium: 8.9 mg/L Copper: 4.9 mg/L Nickel: 37.5 mg/L

(3)	If the waste contains oil and grease less than 100 mg/L, and does not have concentrations of cadmium, chromium, copper, or
	nickel above any of the values listed above, the waste should be classified in the organics subcategory.

Metals Subcategory
Oils Subcategory
Organics Subcategory

SECTION 11: Additional Instructions

If you cannot determine the correct subcategory in Section 9 and you did not furnish data for the concentration of Cadmium, Chromium, Copper, Nickel, and Oil and Grease, CES will send offsite to a commercial laboratory a sample to determine these concentrations. This will be prior to acceptance. The generator will be responsible for the cost of the analysis.



PROCESS FACILITY INFORMATION (CES USE ONLY!!)

7.	Tests for Product Recovered/Recycled (if applicable):
8.	Management for Product Recovered/Recycled (if applicable):

83/25/2008 88:24 281-288-6518 SK MISSOURI CITY TX PAGE 01/05 91363-R4505 (REPRINT) PARTS WASHER SERVICE SENERAL ADMINISTRATION PREGUALIFICATION EVALUATION SKUS APPROVED CONTROL #: BRANCH/SUBMITTER: 607302 MISSOURI CITY TX (HQUSTON) CUSTOMER NUMBER: 0003-03-5568 GENERATOR INFORMATION: NELSON MACH PRODUCTS 7131 JACK PABBIT RD ATTN MONTE DICK HOUSTON TX 77095 ATTN: MONTE DICK BRANCH: 607302 - MISSOURI CITY TX (HOUSTON) 38895 * 33888 ₽ 88888 95998 888888 639999 000 2 RRRRR R DDDD obbbo b bhbbb EEEEE Poppp p RARRAR 000

TOR INFORMATION:

NAME & FACILITY ADDRESS:
NELSON MACH PRODUCTS
7131 JACK RABBIT RD
ATTN MONTE DICK
HOUSTON TX 77095
713-819-1071

BILLING COMPANY & ADDRESS:

PHONE:

STATUS: CESCO US EPA ID:

TXCESGG

STATE ID: TX CESQC

B. SHIPPING INFORMATION: DOT ASSISTANCE REQUESTED DOT SHIP NAME: NON-REGULATED LIQUID

BULK SHIPPING CONTAINERS VACUUM TRAILER

QTY/SIZE: 3000

FREG: 24 WEEKS

*** SKVS APPROVED

83/25/2888 88:24 281-288-6518 SK MISSOURI CITY TX

31362-R4505 (REPRINT) PREGUALIFICATION EVALUATION

COMPLETE: 02/01/05

SENERAL ADMINISTRATION

SKVS APPROVED

CONTROL #: 2274656-9

MISSOURI CITY TX (HOUSTON) PROFILE REF #: 3293342

C. GENERAL MATERIAL: GARNET AND WATER

PROCESS DESCRIPTION: CUTTING

CODOR: NONE

YES NO

X REGULATED OR LICENSED RADIDACTIVE MASTE

X REGULATED MEDICAL / INFECTIOUS MASTE

X REGULATED MEDICAL / INFECTIOUS MASTE

X REGULATED OR LICENSED RADIDACTIVE MASTE

X REGULATED OR LICENSED RESHAP REGULATIONS

X TSCA REGULATED CEN MESTE

X REGULATED COUNT DEPLETING SUBSTANCE

X CERCEA REGULATED COUNT DEPLETING SUBSTANCE

X CERCEA REGULATED (SUPERFUND) WASTE

X WASTE CONTAINS UNC'S/CONSTITUENTS OF CONCERN (CESGG)

X UNC IN SECTION D

X EXEMPT MASTE: IF YES, LIST REFERENCE 40 CFR

STATE MASTE CODES: NORNE

STATE MASTE CODES: NORNE

CTRY: USA

*** SKVS APPROVED

03/25/2008 08:24 281-288-6518

SK MISSOURI CITY TX

PAGE 83/86

31363-R4505 (REPRINT) PARTS WASHER SERVICE

JENERAL ADMINISTRATION

PREGUALIFICATION EVALUATION

PAUL & Ur COMPLETED: 02/01/08

REVISED: 03/18/08

RUN: 03/24/08

SKVS APPROVED

CONTROL #:

2374656-9

BRANCH/BUBMITTER: 607302 MISSOURI CITY TX (HOUSTON)

LAB #:

2374686-9

PROFILE REF #:

3093842

D MATERIAL COMPOSITION: ANALYTICAL

RMP COMPOUND DENOTED WITH #

1. CHEMICAL/PHYSICAL CONSTITUENTS:

* NO TARGET HALDGENATED SOLVENTS DETECTED

RESIDUE DESCRIPTION:

CARNET, WATER

2. ELEMENTAL CONSTITUENTS:

WASTE CONTAINS NO DETECTABLE ELEMENTS/METALS

THE FOLLOWING VALUES ASSOCIATED WITH THE "C" ARE NON-DETECTED. THE VALUE LISTED IS THE REPORTING LIMIT.

ANTIMONY		6	6 20	MO/KG
ARSENIC	(DOC4)	Ç	4, 10	Me/Ke
BARIUM	(D005)	1 0	4.10	MO/KO
BERYLLIU	4		. 12	rig/kg .
CADMIUM	(DOO6)	<	41	MG/KG
CHROMIUM	(D007)		82 00	MEIKE
COBALT			2 00	MG/KG
COPPER			86. 00	MG/KG
IRON			12000, 00	MG/KG
LEAD	(DOOS)	v.*	2. 10	MOVE
MAGNESIU	1		2100.00	MG/KO
MANGANESI			370.00	MG/KG
MERCURY	(D009)	: 5	4. 10	MG/KG
NICKEL			3. 60	MG/KG
PHOSPHORI	JS:		28.00	MG/KG
SELENIUM	(D010)	<<	8. 20	MG/K9
SILICON			99.00	MG/KG
SILVER	(D011)	1.7	. 41	MG/KG
THALLIUM		4	12.00	MG/KG
MULINATIT			120.00	MG/KG
VANADIUM			9. 50	MG/KG
ZINC			19.00	MC/KG

E. REACTIVE CHARACTERISTICS: WASTS EXHIBITS NO REACTIVE CHARACTERISTICS YES

EXPLOSIVE SHOCK SENSITIVE WATER REACTIVE AIR REACTIVE REACTIVE CYANIDE REACTIVE SULFIDE POLYMERIZABLE

00

*** SKVS APPROVED

63/25/2868 08:24 281-288-6518

SK MISSOURI CITY TX PREGUALIFICATION EVALUATION

91263-R4505 (REPRINT) PARTS WASHER SERVICE GENERAL ADMINISTRATION

SKVS APPROVED

BRANCH/SUBMITTER: 607302 MISSOURI CITY TX (HOUSTON)

CONTROL PROFILE REF

F. MATERIAL PHYSICAL CHARACTERISTICS @ 70F: # DF PHASES LIGUID 2 41.0 SLUDGE Z 59.0 NO FLASH AT 200.0 PH NON-AGUEOUS

COMMENTS: FLAMMABILITY AT 200 F: NO FLASH

SK SALES REP NAME: JDE BANGURA

*** SKVS APPROVED

83/25/2008 88:24 281-208-6518 SK MISSOURI CITY TX PAGE 85/86 B1363-R4505 (REPRINT) PARTS WASHER SERVICE GENERAL ADMINISTRATION PREQUALIFICATION EVALUATION SKUS APPROVED BRANCH/SUBMITTER: 607302 MISSOURI CITY TX (HOUSTON) PROFILE REP CORPORATE REVIEW:
DISPOSITION: SKUS APPROVED SALES PART: OF TECHNOLOGY DISPOSITION CODE: WWWL SKUS LIQUIDS REVIEW DATE: 03/18/2008 REVIEWERS: AW SKUS LIGUIDS 550 0876570 APPROVED FACILITIES:

SAFETY-KLEEN SYSTEMS, INC.

1580 INDUSTRIAL ROAD

MISSOURT CITY. TX 77459

FED EPAM: TXD01080320J

STATE EPAM: 71144

TELEPHONE: 2812086500 APPROVED DUT - EMIPPING DESCRIPTION OC23136 DRUM OR BULK NON-REQULATED LIQUID US EPA WASTE CODES: NONE USA * DISPOSAL TECHNOLOGY SAFETY-KLEEN LIQUID VACUUM BERVICES. * RECEIVED TOLP METALS TO REMOVE THE DOOT WASTE CODE. 3/18/08 MS THIS SERVES AS NOTICE PER FEDERAL AND STATE REGULATIONS THAT EACH FACILITY NOTED ABOVE HAS THE APPROPRIATE PERMITS; CAPABILITIES, CAPACITY, AND IS WILLING TO ACCEPT THE MATERIAL AS DESCRIBED IN THE APPROVAL SECTION.

IT IS THE RESPONSIBILITY OF THE GENERATOR TO NOTIFY SAFETY-KLEEN CORP. OF ANY CHANGES IN THE PROCESS DENERATING THIS WASTE STREAM.

*** SKVS APPROVED

363-R4905 (REPPINITY ARTS MASHER SERVICE CENERAL ADMINISTRATION

281-288-6510 SK MISSOURI CITY TX

COMPLETED 03/19/09
REVISED 03/19/09

SKYS APPROVED

BRANCH/SUBMITTER 607302 MISSOURI CITY TX (HOUSTON CONTROL #:

2374656-9

ADDITIONAL AMALYTICAL

RESULT DESCRIPTION/ELEMENT

RESULT

PCB AMOUNT

NONE

1.0 MG/KG

THE ANALYSIS CONTAINED HEREIN ARE PERFORMED SOLELY FOR THE PURPOSE OF QUALIFYING THE ANALYZED MATERIALS FOR ACCEPTANCE BY SAFETY-KLEEN CORP. IN ACCORDANCE WITH ITS PERMITS AND PROCESSING CAPABILITIES.

NOTICE OF LAND DISPOSAL RESTRICTION OF WASTE IS NOT REQUIRED.

*** SKVS APPROVED

END OF DOCUMENT

Select En. NH-Claso!

LABCAL SERVICES



CLIENT:

CES

Client Sample ID: T2008-1610H

Collection Date:

Lab Order: Project:

Lab ID:

Matrix:

Date: March 14, 2008

Analyses	Result	Limit Qu	ial Units	DF	Date Analyzed
ICP METALS, TCLP LEACHED		SW1311/6	020		Analyst: RS
Arsenic	ND	0.100	mg/L	1	3/14/2008
Barium	0.309	0.150	mg/L	1	3/14/2008
Cadmium	ND	0.0500	mg/L	1	3/14/2008
Chromium	ND	0.0500	mg/L	1	3/14/2008
Lead	ND	0.100	rng/L	1	3/14/2008
Mercury	0.00285	0.00100	mg/L	1	3/14/2008
Selenium	ND	0.100	mg/L	1	3/14/2008
Silver	ND	0.0500	mg/L	1	3/14/2008
METALS BY ICP-MS FOR SOLIDS		SW602	0		Analyst: RS
Arsenic	0.892	0.163	mg/Kg	1	3/14/2008
Barium	119	0.174	mg/Kg	1	3/14/2008
Cadmium	1.11	0.177	mg/Kg	1	3/14/2008
Chromium	12.7	0.0950	mg/Kg	1	3/14/2008
Lead	9.98	0.323	mg/Kg	1	3/14/2008
Mercury	8.25	0.0620	mg/Kg	1	3/14/2008
Selenium	0.279	0.136	mg/Kg	1	3/14/2008
Silver	3.56	0.0670	mg/Kg	1	3/14/2008
VOLATILES TCLP		SW8260	В		Analyst: RS
1,1-Dichloroethene	ND	10.0	μg/L	1	3/13/2008 2:00:00 PM
1,2-Dichloroethane	10.8	10.0	μg/L	1	3/13/2008 2:00:00 PM
2-Butanone	ND	100	μg/L	1	3/13/2008 2:00:00 PM
Benzene	359	10.0	µg/L	1	3/13/2008 2:00:00 PM
Carbon tetrachloride	ND	10.0	µg/L	1	3/13/2008 2:00:00 PM
Chlorobenzene	ND	10.0	µg/L	1	3/13/2008 2:00:00 PM
Chloroform	ND	10.0	µg/L	1	3/13/2008 2:00:00 PM
Tetrachloroethene	ND	10.0	µg/L	1	3/13/2008 2:00:00 PM
Trichloroethene	ND	10.0	µg/L	1	3/13/2008 2:00:00 PM
Vinyl chloride	ND	10.0	µg/L	1	3/13/2008 2:00:00 PM
Surr: 1,2-Dichloroethane-d4	75.4	60-140	%REC	1	3/13/2008 2:00:00 PM
Surr: 4-Bromofluorobenzene	107	80-125	%REC	1	3/13/2008 2:00:00 PM
Surr: Dibromofluoromethane	118	70-140	%REC	1	3/13/2008 2:00:00 PM
Surr: Toluene-d8	81.0	70-130	%REC	1	3/13/2008 2:00:00 PM

Qualifiers:

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Page 1 of 1

Select En. NH-Class 1

LABCAL SERVICES



CLIENT:

CES

Lab Order:

Project: Lab ID: Client Sample ID: T2008-1610H

Date: March 14, 2008

Collection Date:

Matrix:

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
ICP METALS, TCLP LEACHED		SW131	1/6020		Analyst: RS
Arsenic	ND	0.100	mg/L	1	3/14/2008
Barium	0.309	0.150	mg/L	1	3/14/2008
Cadmium	ND	0.0500	mg/L	1	3/14/2008
Chromium	ND	0.0500	mg/L	1	3/14/2008
Lead	ND	0.100	mg/L	1	3/14/2008
Mercury	0.00285	0.00100	mg/L	1	3/14/2008
Selenium	ND	0.100	mg/L	1	3/14/2008
Silver	ND	0.0500	mg/L	1	3/14/2008
METALS BY ICP-MS FOR SOLIDS		SWE	020		Analyst: RS
Arsenic	0.892	0.163	mg/Kg	1	3/14/2008
Barium	119	0.174	mg/Kg	1	3/14/2008
Cadmium	1.11	0.177	mg/Kg	1	3/14/2008
Chromium	12.7	0.0950	mg/Kg	1	3/14/2008
Lead	9.98	0.323	mg/Kg	1	3/14/2008
Mercury	8.25	0.0620	mg/Kg	1	3/14/2008
Selenium	0.279	0.136	mg/Kg	1	3/14/2008
Silver	3.56	0.0670	mg/Kg	1	3/14/2008
VOLATILES TCLP		SW82	260B		Analyst: RS
1,1-Dichloroethene	ND	10.0	μg/L	1	3/13/2008 2:00:00 PM
1,2-Dichloroethane	10.8	10.0	μg/L	1	3/13/2008 2:00:00 PM
2-Butanone	ND	100	μg/L	1	3/13/2008 2:00:00 PM
Benzene	359	10.0	μg/L	1	3/13/2008 2:00:00 PM
Carbon tetrachloride	ND	10.0	µg/L	1	3/13/2008 2:00:00 PM
Chlorobenzene	ND	10.0	μg/L	1	3/13/2008 2:00:00 PM
Chloroform	ND	10.0	μg/L	1	3/13/2008 2:00:00 PM
Tetrachioroethene	ND	10.0	μg/L	1	3/13/2008 2:00:00 PM
Trichloroethene	ND	10.0	μg/L	1	3/13/2008 2:00:00 PM
Vinyl chloride	ND	10.0	μg/L	1	3/13/2008 2:00:00 PM
Surr: 1,2-Dichloroethane-d4	75.4	60-140	%REC	1	3/13/2008 2:00:00 PM
Surr: 4-Bromofluorobenzene	107	80-125	%REC	1	3/13/2008 2:00:00 PM
Surr: Dibromofluoromethane	118	70-140	%REC	1	3/13/2008 2:00:00 PM
Surr: Toluene-d8	81.0	70-130	%REC	1	3/13/2008 2:00:00 PM



Qualifiers:

J - Analyte detection and qualitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Page 1 of 1

Noltex- Info requested

EPAHO082001822

U.S. Department of Labor

Occupational Safety & Health Administration

Houston South Area Office 17625 El Camino Real Suite 400 Houston, Texas 77058 281/286-0583 Fax:281/286-6352



From: Yolanda lorres
Date: 10-15-09
Phone: 281-286-0583 644.23
cc:
∘Urgent
have any questions. yelands volve



Safety and Health Add Value



Occupational Safety & Health Administration Houston South Area Office 17625 El Camino Real, Suite400 Houston, Texas 77058 Office (281)286-0583Fax (281)286-6352

October 15, 2009

Clean Harbors Environmental Services, Inc. 2027 Independence Parkway South
La Porte, Texas 77571
Attn: Jesse L. Hicks

The U. S. Department of Labor Occupational Safety and Health Administration, Houston South Area Office is conducting a safety and health inspection #312919558 regarding a work related incident which occurred approximately on September 11, 2009 at the location of well #1, custom environmental transport building at 2027 Independence Parkway South, La Porte, Texas 77571. OSHA Houston South Area Office requests the following document(s) as a result of the inspection:

- 1. A copy of any and all maintenance work orders to include but not limited to inspection history, records, reports, repairs, and the installation date of the pump and water tank T-618 at Well #1.
- 2. A copy of any and all maintenance work orders to include but not limited to inspections history, records, reports, repairs, and the installation date of pressure relief valve #7217\$351, manufactured by McDonald, Dubuque, Iowa, located at well #1, at the custom environmental transport building.
- 3. A copy of the U1 design, specifications for tank T-618, located at Well #1, at the custom environmental transport building.
- 4. A copy of the specifications for pressure relief valve #7217\\$351, manufactured by McDonald, Dubuque, Iowa, located at Well #1, at the custom environmental transport building.
- 5. A copy of the company's policy that addresses third party employees who are visiting the jobsite located at 2027 Independence Parkway South, La Porte, Texas 77571.

- 6. A copy of the company's policy that addresses manually manipulating the pressure switch which starts the pump at Well #1, located at the custom environmental transport building.
- 7. A copy of Puffer-Sweiven LP, written test report for the pressure relief valve #7217\danger351, manufactured by McDonald.
- 8. A copy of Clean Harbors Environmental Services, Inc. investigative findings and report resulting from the pressure relief valve #7217\$\displays151\$ failure and tank T-618 explosion at Well #1, custom environmental transport building.

Please provide the requested documents no later than October 22, 2009.

Thank you in advance for your cooperation.

Yolanda Torres

Compliance Safety and Health Officer

Occupational Safety & Health Administration

Houston South Area Office

17625 El Camino Real, Ste 400

Houston, TX 77058

OSHA's Mission: To assure safe and healthful working conditions for working men and women.

HSAO's VISION: Utilizing the talents and skills of OSHA's finest, we will execute "The Missions" professionally, effectively, efficiently and with respect toward one another and our constituents. To meet this vision we will use the values set forth in TEAM CORE.

PCI

GENERATOR'S WASTE PROFILE SHEET



COMPLETE - PRINT - SIGN - FAX (219) 397-6411

A. GENERATOR INFORMATION -						·	
Generator Name Noltex				·			7
Facility Address 12220 Strang R	d	City	La Porte	Sta	te TX	Zip 77571	=
Customer Name Joy Baker					L	-	
Customer Phone (281) 701-8511		Customer FAX	(713) 676-167	76			
Generator USEPA/Federal ID#			Halta				
Is the Generator a "Conditionally E			erator*?	Yes (No			
Generator's S.I.C. Code (4 Digit)	·						
BILLING INFORMATION (Check	HERE if billi:	ng information	is the same a	s above inform	ation)]	
Billing Name CES Environmenta	l Services						
Billing Address 4904 Griggs Rd		City	Houston	Sta	ite TX	Zip 77021	
Billing Contact Name Joy Baker						-	
Billing Phone (713) 676-1460		Billing FAX (713) 676-1676		<u></u>	7	
PCI Sales Rep. Jamie Stieffel							
Original Process Generating War Is a representative sample provi Is there any analytical attached	ided?	Yes Yes		s a MSDS attac	hed? ✓	Yes No)
C. GENERAL CHARACTERISTICS -							
Color White	Odor I	Mild					
Physical State @ 70 F 100%	%Liqui	d Selec	t %Sludge	Select 9	6Solid S	elect %Pow	der
Selec				her) Select %	6Other		
Phases Single Layer O	Multi Lay	er O Ho	w Many				
Btu/lb <3,000 O	3,000-5	,000 🔾	5,000-10,000	>10,0	00 🔾		
PH <2.0 ()	2.0 to 4.0 (4.0 to	10.0 💽	10.0 to 12.5 (>12	2.5 🔾	
Liquid Flash Point <73 F 0 7	73 to 99 F () 100 to	139 F O	140 to 200 F	>200	0 FO None	O
Specific Gravity 0.87	% Total H	alogens Sele	oct				
D. CHEMICAL COMPOSITION	Total of Ma	ximum conce	ntration must	> or = to 1009	6) —		
Constituents	Min%	Max%	Constituer		•	n% Max9	6
Acetylaldehyde	Select	20%	Methyl Ace	tate	Sel	lect 10%	
Acetic Acid	Select	10%	Vinyl Aceta	ite	609		
Methanol	200%	40%	Mater		90	loot 200/	

Explosive Shock Sensitive Undergo Hazardous Polymerization Cylinder Does the Waste contain any of the following? None or LESS THAN or ACTUAL PCB'S SOppm	If "Yes", does the total halogen content exceed 1,000 ppm? If "Yes", can you identify the "Chlorinated Constituent" present in the oil? Yes ○ No ⑤ If "Yes", can you rebut the presumption that this material is a "Hazardous Waster?? Yes ○ No ⑥ Does the Waste have any of the following characteristics? (Please select all that apply) Oxidizer ○ Organic Peroxide ○ Water Reactive ○ Air Reactive ○ Pyrophoric ○ Radioactive ○ Infectious ○ Pathogen ○ Carcinogen ○ Etiological ○ Aerosole ○ Explosive ○ Shock Sensitive ○ Undergo Hazardous Polymerization ○ Cylinder Dees the Waste contain any of the following? None or LESS THAN or ACTUAL None or LESS THAN or ACTUAL PCB'S ○ <50ppm ○ □ ppm	If "Yes", does the total halogen content exceed 1.000 ppm? Yes \ No \ No \ Yes", can you identify the "Chlorinated Constituent" present in the oil? Yes \ No \ No \ No \ No \ No \ No \ No \ N	E. OTHER WASTE STREAM INFORMATION			1		
If "Yes", can you identify the "Chlorinated Constituent" present in the oil? If "Yes", can you rebut the presumption that this material is a "Hazardous Waste"? Yes	If "Yes", can you identify the "Chlorinated Constituent" present in the oil? If "Yes", can you rebut the presumption that this material is a "Hazardous Waste"? No ● Does the Waste have any of the following characteristics? (Please select all that apply) Ookidizer Organic Peroxide O Water Reactive O Air Reactive O Pyrophoric ODioxin Radioactive O Infectious O Pathogen O Carcinogen O Etiological O Aerosole Dest the Waste contain any of the following? None or LESS THAN or ACTUAL None or LESS THAN OR ACTUAL PCB's O SOPPIM O PPIM Sulfides O SOPPIM O SUlfides O SOPPIM O SUlfides O SUlfides O SOPPIM O Sulfides O SUlfides O SUlfides O SUlfides O SUlfides O SUlfides O SUlfides O SUlfides O Sulfide	If "Yes", can you identify the "Chlorinated Constituent" present in the oil? Yes \ No \ No \ No \ No \ No \ No \ No \ N	Is this waste a "USED OIL" per 40CFR PART 279?	Ye	es O No	0		
If "Yes", can you rebut the presumption that this material is a "Hazardous Waste"? Yes	If "Yes", can you rebut the presumption that this material is a "Hazardous Waste"? Yes	If "Yes", can you rebut the presumption that this material is a "Hazardous Waste"? Yes \ No \ O \ \end{align*} Does the Waste have any of the following characteristics? (Please select all that apply) O Oxidizer \ Organic Peroxide \ Water Reactive \ Air Reactive \ Pyrophoric \ Radioactive \ Infectious \ Pathogen \ Carcinogen \ Etiological \ Aerosols \ Explosive \ Shock Sensitive \ Undergo Hazardous Polymerization \ Cylinder \ Does the Waste contain any of the following? None or LESS THAN or ACTUAL \ None or LESS THAN or ACTUAL \ PCB'S \ Soppm \ Soppm \ ppm \ ppm \ Suffices \ Soppm \ Soppm \ ppm \ ppm \ Phenolics \ Soppm \ Soppm \ ppm \ ppm \ Phenolics \ Soppm \ No \ O \ If "No", please list concentration in \ ppm. Is the Waste subject to the benzene waste operations NESHAP? (40CFR Part 61, Subpart FF) \ Yes \ No \ O \ Answer "Yes" if your waste contains benzene and if the SIC code from your facility is one of the following: 2812 2813 2816 2819 2821 2822 2823 2824 2833 2834 2835 2836 2841 2842 2843 2844 2851 2861 2865 2869 2873 2874 2876 2879 2891 2892 2893 2896 2899 2911 3312 4953 4959 9511 is the Waste subject to RCRA Subpart CC controls? (40 CFR 265 SUBPART CC) \ Yes \ O \ No \ O \ If "No", does the Waste contain <a 1,000="" content="" does="" exceed="" halogen="" href="footnote-contain-conta</td><td>If " ppm?<="" td="" the="" total="" yes",=""><td>Ye</td><td>es O No</td><td>©</td>	Ye	es O No	©			
Does the Waste have any of the following characteristics? (Please select all that apply) Oxidizer Organic Peroxide Water Reactive Air Reactive Etiological Acrosol Radioactive Infectious Pathogen Carcinogen Etiological Acrosol Explosive Shock Sensitive Undergo Hazardous Polymerization Ocylinder Does the Waste contain any of the following? None or LESS THAN or ACTUAL None or LESS THAN or ACTUAL None or LESS THAN or ACTUAL Sulfides Scoppm Ppm Sulfides Scoppm Ppm Phenolics Scoppm Ppm Phenolics Scoppm Ppm Phenolics Scoppm Ppm Ppm Phenolics Scoppm Ppm Ppm Phenolics Scoppm Ppm Ppm Phenolics Scoppm Ppm Ppm Ppm Ppm Ppm Ppm Ppm Ppm Ppm	Does the Waste have any of the following characteristics? (Please select all that apply) Oxidizer Organic Peroxide Water Reactive Air Reactive Pyrrophoric Obioxin Radioactive Infectious Pathogen Carcinogen Etiological Aerosols Explosive Shock Sensitive Undergo Hazardous Polymerization Cylinder Does the Waste contain any of the following? None or LESS THAN or ACTUAL None or LESS THAN or ACTUAL PCB'S SOPPIM Suifides SOPPIM Suifides SOPPIM Phenolics SOPPIM Phen	Does the Waste have any of the following characteristics? (Please select all that apply) Oxidizer Organic Peroxide Owater Reactive Oair Reactive Optrophoric ORadioactive Organic Peroxide Owater Reactive Ocarcinogen Ocarci	If "Yes", can you identify the "Chlorinated Constituent" present in	he oil? Ye	es O No	O		
Oxidizer Organic Peroxide Water Reactive OAir Reactive OPyrophoric Radioactive OInfectious Pathogen OCarcinogen OEtiological OAerosol OExplosive OShock Sensitive OUndergo Hazardous Polymerization OCylinder Does the Waste contain any of the following? None or LESS THAN or ACTUAL None or LESS THAN or ACTUAL PCB'S OSOppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm Phenolics O<50ppm O ppm O ppm Phenolics O<50ppm O ppm O ppm Phenolics O ppm O ppm O ppm O ppm O ppm O ppm O ppm	Oxidizer Organic Peroxide Water Reactive Oxiderions Operations Operations Operations Oxidizer Oxide Infectious Oxide Oxi	Oxidizer Organic Peroxide Water Reactive Carcinogen Organic Peroxide Pathogen Carcinogen Oxidizer Office Infectious Pathogen Oxarcinogen Oxylinder Does the Waste contain any of the following? None or LESS THAN or ACTUAL None or LESS THAN or ACTUAL PDB'S Oxylinder O	If "Yes", can you rebut the presumption that this material is a "Haz	ardous Waste"? Ye	es O No	O		
Radioactive Infectious Pathogen Carcin	Radioactive Infectious Pathogen Carcinogen Etiological OAerosols Explosive O Shock Sensitive OUndergo Hazardous Polymerization O Cylinder Ocylinder Does the Waste contain any of the following? None or LESS THAN or ACTUAL None or LESS THAN or ACTUAL PCB'S Soppin Sulfides Soppin O	Radioactive Infectious Pathogen Ocarcinogen Ocarci	Does the Waste have any of the following characteristics? (Please	select all that apply)				
Explosive O Shock Sensitive O Undergo Hazardous Polymerization O Cylinder Does the Waste contain any of the following? None or LESS THAN or ACTUAL PCB'S O <50ppm O ppm Sulfides <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics	Explosive O Shock Sensitive O Undergo Hazardous Polymerization O Cylinder Does the Waste contain any of the following? None or LESS THAN or ACTUAL None or LESS THAN or ACTUAL PCB'S O <50ppm O ppm Sulfides <50ppm O ppm Sulfides <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics <50ppm O ppm Phenolics	Dest he Waste contain any of the following? None or LESS THAN or ACTUAL PCB'S ○ <50ppm ○ ppm Sulfides ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm Phenolics ○ <50ppm ○ ppm P	Oxidizer O Organic Peroxide O Water Reactive	Air Reactive O	Pyrophoric	ODioxin		
Does the Waste contain any of the following? None or LESS THAN or ACTUAL PCB'S ○ <\$0ppm ○ ppm Sulfides ○ <\$0ppm ○ ppp Cyanides ○ <\$0ppm ○ ppm Phenolics ○ <\$0ppm ○ ppp Does the waste represented by this profile contain benzene? If "Yes", please list concentration in ppm. Is the Waste subject to the benzene waste operations NESHAP? (40CFR Part 61, Subpart FF) Yes ○ No ④ Answer "Yes" if your waste contains benzene and if the SIC code from your facility is one of the following: 2812 2813 2816 2819 2821 2822 2823 2824 2833 2834 2835 2836 2841 2842 2843 2844 2851 2861 2865 2869 2873 2874 2876 2879 2891 2892 2893 2896 2899 2911 3312 4963 4969 9511 Is the Waste subject to RCRA Subpart CC controls? (40 CFR 265 SUBPART CC) If "No", does the Waste meet the organic LDR exemption for UHC'S? (40 CFR 268.48, 268.7) Yes ○ No ○ If "No", does the Waste contain <500ppmw volatile organic(VO)? (40 CFR 265 SUBPART CC) Does the Waste contain any Class I or Class II ozone-depleting substances? Yes ○ No ○ If PCB'S are present, is the waste regulated by TSCA per 40 CFR 761? F. SHIPPING INFORMATION: Method of Shipment Bulk Liquid(> 500 Gallons) ☑ Bulk Solids(roll-off box, vacuum box, etc) □ Lab Pack □ Cubic Yard Boxes □ Totes □ (Please specify) □ Drums (Select size) Select Other (Please specify) □ G. R.C.R.A. CHARACTERIZATION: Is this a USEPA "Hazardous Waste" per 40CFR 261.3? Yes ○ No ○ If "No", Please skip to section I Is this a "Universal Waste" per 40CFR 261.3? Yes ○ No ○ If "No", Please skip to section I Is this a "Universal Waste" per 40CFR 261.3? Yes ○ No ○ If "No", Please skip to section I Is this a "Universal Waste" per 40CFR part 273? Yes ○ No ○ If "No", Please skip to section I Is this a "Universal Waste" per 40CFR part 273? Yes ○ No ○ If "No", Please skip to section I Is this a "Universal Waste" per 40CFR part 273? Yes ○ No ○ If "No", Please skip to section I Is this a "Universal Waste" per 40CFR part 273? Yes ○ No ○ If "No", Please skip to section I Is this a "Universal Waste" per 40CFR part 273? Yes ○	Does the Waste contain any of the following? None or LESS THAN or ACTUAL PCB'S	Does the Waste contain any of the following? None or LESS THAN or ACTUAL PCB'S		•	•	O Aerosols		
None or LESS THAN or ACTUAL PCB'S S <	None or LESS THAN or ACTUAL PCB'S S	None or LESS THAN or ACTUAL PCB'S O		olymerization O	Cylinder			
PCB'S	PCB'S	PCB'S		lone or LESS	THAN OF	ACTUAL		
Cyanides	Cyanides	Cyanides						
Does the waste represented by this profile contain benzene? Yes No Fif "Yes", please list concentration in	Does the waste represented by this profile contain benzene? Yes No If "Yes", please list concentration in	Does the waste represented by this profile contain benzene? Yes No If "Yes", please list concentration inppm. Is the Waste subject to the benzene waste operations NESHAP? (40CFR Part 61, Subpart FF) Yes No Answer "Yes" if your waste contains benzene and if the SIC code from your facility is one of the following: 2812 2813 2816 2819 2821 2822 2823 2824 2833 2834 2835 2836 2841 2842 2843 2844 2851 2861 2865 2869 2873 2874 2876 2879 2891 2892 2893 2896 2899 2911 3312 4953 4959 9511 Is the Waste subject to RCRA Subpart CC controls? (40 CFR 265 SUBPART CC) Yes No If "No", does the Waste meet the organic LDR exemption for UHC'S? (40 CFR 268.48, 268.7) Yes No Does the Waste contain <500ppmw volatile organic(VO)? (40 CFR 265 SUBPART CC) Yes No Does the Waste contain any Class I or Class II ozone-depleting substances? Yes No If PCB'S are present, is the waste regulated by TSCA per 40 CFR 761? Yes No F. SHIPPING INFORMATION: Method of Shipment Bulk Liquid(> 500 Gallons) Bulk Solids(roll-off box, vacuum box, etc) Lab Pack Cubic Yard Boxes Totes (Please specify) Shipping Frequency Number of Units Month Quarter Year Other G. R.C.R.A. CHARACTERIZATION: Is this a USEPA "Hazardous Waste" per 40CFR 261.3? Yes No Is this a "Universal Waste" per 40CFR part 273? Yes No Is this a "Universal Waste" per 40CFR part 273? Yes No Is this a "Universal Waste" per 40CFR part 273? Yes No If "Yes", is it: Do001 Ignitable D002 Corrosive D003 Reactive Characteristic for Toxic Metals:						
If "Yes", please list concentration in	If "Yes", please list concentration inppm. Is the Waste subject to the benzene waste operations NESHAP? (40CFR Part 61, Subpart FF) Yes No Answer "Yes" if your waste contains benzene and if the SIC code from your facility is one of the following: 2812 2813 2816 2819 2821 2822 2823 2824 2833 2834 2835 2836 2841 2842 2843 2844 2851 2861 2865 2869 2873 2874 2876 2879 2891 2892 2893 2896 2899 2911 3312 4953 4959 9511 Is the Waste subject to RCRA Subpart CC controls? (40 CFR 265 SUBPART CC) Yes No If "No", does the Waste meet the organic LDR exemption for UHC'S? (40 CFR 268.48, 268.7) Yes No OH If "No", does the Waste contain <500ppmw volatile organic(VO)? (40 CFR 265 SUBPART CC) Yes No OH If "No", does the Waste contain any Class I or Class II ozone-depleting substances? Yes No OH If PCB'S are present, is the waste regulated by TSCA per 40 CFR 761? Yes No OH If PCB'S are present, is the waste regulated by TSCA per 40 CFR 761? Yes No OH If PCB'S are present, is the waste regulated by TSCA per 40 CFR 761? Yes No OH If PCB'S are present Select Other (Please specify) Shipping Frequency Number of Units Month Quarter Year Other Other Shipping Frequency Number of Units Month Quarter Year Other Shipping Frequency Number of Units Month OH If "No", Please skip to section File this a "Universal Waste" per 40 CFR 261.3? Yes No OH If "No", Please skip to section File this a "Universal Waste" per 40 CFR 261.3? Yes No OH If "No", Please skip to section File this a "Universal Waste" per 40 CFR 261.3? Yes No OH If "No", Please skip to section File this a "Characteristic Waste"? Yes No OH If "No", Please Skip to Section File Types", is it: Doo1 Ignitable Doo2 Corrosive Doo3 Reactive Characteristic For Toxic Metals:	If "Yes", please list concentration inppm. Is the Waste subject to the benzene waste operations NESHAP? (40CFR Part 61, Subpart FF) Yes No Answer "Yes" if your waste contains benzene and if the SIC code from your facility is one of the following: 2812 2813 2816 2819 2821 2822 2823 2824 2833 2834 2835 2836 2841 2842 2843 2844 2851 2861 2865 2869 2873 2874 2876 2879 2891 2892 2893 2896 2899 2911 3312 4953 4959 9511 Is the Waste subject to RCRA Subpart CC controls? (40 CFR 265 SUBPART CC) If "No", does the Waste meet the organic LDR exemption for UHC'S? (40 CFR 268.48, 268.7) Yes No If "No", does the Waste contain <500ppmw volatile organic (VO)? (40 CFR 265 SUBPART CC) Yes No No If "No", does the Waste contain any Class I or Class II ozone-depleting substances? Yes No No If PCB'S are present, is the waste regulated by TSCA per 40 CFR 761? Yes No F. SHIPPING INFORMATION: Method of Shipment Bulk Liquid(> 500 Gallons) Bulk Solids(roll-off box, vacuum box, etc) Lab Pack Cubic Yard Boxes			· • • • • • • • • • • • • • • • • • • •	PP''		
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Yes No O No O No O No O No O No O No O No	Is the Waste subject to the benzene waste operations NESHAP? (40CFR Part 61, Subpart FF) Yes No Answer "Yes" if your waste contains benzene and if the SIC code from your facility is one of the following: 2812 2813 2816 2819 2821 2822 2823 2824 2833 2834 2835 2836 2841 2842 2843 2844 2851 2861 2865 2869 2873 2874 2876 2879 2891 2892 2893 2896 2899 2911 3312 4953 4959 9511 Is the Waste subject to RCRA Subpart CC controls? (40 CFR 265 SUBPART CC) If "No", does the Waste meet the organic LDR exemption for UHC'S? 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R.C.R.A. CHARACTERIZATION: Is this a "Universal Waste" per 40CFR 261.3? Yes No O If "No", Please skip to section I Is this a "Universal Waste" per 40CFR part 273? Yes No O If "Yes", is it: D0001 Ignitable D0002 Corrosive D0003 Reactive Characteristic for Toxic Metals:	Answer "Yes" if your waste contains benzene and if the SIC code from your facility is one of the following: 2812 2813 2816 2819 2821 2822 2823 2824 2833 2834 2835 2836 2841 2842 2843 2844 2851 2865 2869 2873 2874 2876 2879 2891 2892 2893 2896 2899 2911 3312 4953 4959 9511 Is the Waste subject to RCRA Subpart CC controls? (40 CFR 265 SUBPART CC) Yes No If "No", does the Waste meet the organic LDR exemption for UHC'S? (40 CFR 268.48, 268.7) If "No", does the Waste contain -500ppmw volatile organic (VO)? (40 CFR 265 SUBPART CC) Does the Waste contain any Class I or Class II ozone-depleting substances? Yes No If PCB'S are present, is the waste regulated by TSCA per 40 CFR 761? F. 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Is the Waste subject to RCRA Subpart CC controls? (40 CFR 265 SUBPART CC) If "No", does the Waste meet the organic LDR exemption for UHC'S? (40 CFR 268.48, 268.7) Yes O No O If "No", does the Waste contain <500ppmw volatile organic(VO)? (40 CFR 265 SUBPART CC) Does the Waste contain any Class I or Class II ozone-depleting substances? Yes O No O If PCB'S are present, is the waste regulated by TSCA per 40 CFR 761? F. SHIPPING INFORMATION: Method of Shipment Bulk Liquid(> 500 Gallons) Bulk Solids(roll-off box, vacuum box, etc) Lab Pack Cubic Yard Boxes Totes (Please specify size) 5000 gal Drums (Select size) Select Other (Please specify) Shipping Frequency Number of Units Month Quarter Year Other G. R.C.R.A. CHARACTERIZATION: Is this a "Universal Waste" per 40CFR part 273? Yes O No O If "No", Please skip to section I Is this a "Universal Waste" Per 40CFR part 273? Yes O No O If "No", Please skip to Section I Is this a "Characteristic Waste"? Yes O No O If "Yes", is it: DO01 Ignitable D002 Corrosive D003 Reactive Characteristic for Toxic Metals:	Is the Waste subject to RCRA Subpart CC controls? (40 CFR 265 SUBPART CC) If "No", does the Waste meet the organic LDR exemption for UHC'S? (40 CFR 268.48, 268.7) If "No", does the Waste contain <500ppmw volatile organic(VO)? (40 CFR 265 SUBPART CC) Yes O No O Does the Waste contain any Class I or Class II ozone-depleting substances? Yes O No O If PCB'S are present, is the waste regulated by TSCA per 40 CFR 761? Yes O No O F. SHIPPING INFORMATION: Method of Shipment Bulk Liquid(> 500 Gallons) Bulk Solids(roll-off box, vacuum box, etc) Lab Pack Cubic Yard Boxes Totes (Please specify size) 5000 gal Drums (Select size) Select Other (Please specify) Shipping Frequency Number of Units Month Quarter Year Other G. R.C.R.A. CHARACTERIZATION: Is this a USEPA "Hazardous Waste" per 40CFR 261.3? Yes O No O If "No", Please skip to section I sthis a "Characteristic Waste"? Yes O No O If "Yes", is it: D0001 Ignitable D0002 Corrosive D0003 Reactive Characteristic for Toxic Metals:	Is the Waste subject to RCRA Subpart CC controls? (40 CFR 265 SUBPART CC) If "No", does the Waste meet the organic LDR exemption for UHC'S? (40 CFR 268.48, 268.7) If "No", does the Waste contain <500ppmw volatile organic(VO)? (40 CFR 265 SUBPART CC) Poes the Waste contain any Class I or Class II ozone-depleting substances? Yes O No O Does the Waste contain any Class I or Class II ozone-depleting substances? Yes O No O If PCB'S are present, is the waste regulated by TSCA per 40 CFR 761? Yes O No O F. SHIPPING INFORMATION: Method of Shipment Bulk Liquid(> 500 Gallons) Bulk Solids(roll-off box, vacuum box, etc) Lab Pack Cubic Yard Boxes Totes (Please specify size) 5000 gal Drums (Select size) Select Other (Please specify) Shipping Frequency Number of Units Month Quarter Year Other G. R.C.R.A. CHARACTERIZATION: Is this a USEPA "Hazardous Waste" per 40CFR 261.3? Yes O No O If "No", Please skip to section H Is this a "Universal Waste" per 40CFR part 273? Yes O No O If "No", Please skip to section H Is this a "Characteristic Waste"? Yes O No O If "Yes", is it: DO001 Ignitable D0002 Corrosive D0003 Reactive Characteristic for Toxic Metals:	2812 2813 2816 2819 2821 2822 2823 2824 2833 2834	2835 2836 2841	2842 2843	2844 2851		
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Does the Waste contain any Class I or Class II ozone-depleting substances? If PCB'S are present, is the waste regulated by TSCA per 40 CFR 761? F. SHIPPING INFORMATION: Method of Shipment Bulk Liquid(> 500 Gallons) Bulk Solids(roll-off box, vacuum box, etc) Lab Pack Cubic Yard Boxes Totes (Please specify size) 5000 gal Drums (Select size) Select Other (Please specify) Shipping Frequency Number of Units Month Quarter Year Other G. R.C.R.A. CHARACTERIZATION: Is this a USEPA "Hazardous Waste" per 40CFR 261.3? Yes No If "No", Please skip to section I is this a "Universal Waste" per 40CFR part 273? Yes No If "No", Please skip to section I is this a "Characteristic Waste"? Yes No Corrosive D0003 Reactive Characteristic for Toxic Metals:	Does the Waste contain any Class I or Class II ozone-depleting substances? If PCB'S are present, is the waste regulated by TSCA per 40 CFR 761? F. SHIPPING INFORMATION: Method of Shipment Bulk Liquid(> 500 Gallons) Bulk Solids(roll-off box, vacuum box, etc) Lab Pack Cubic Yard Boxes Totes (Please specify size) 5000 gal Drums (Select size) Select Other (Please specify) Shipping Frequency Number of Units Month Quarter Year Other G. R.C.R.A. CHARACTERIZATION: Is this a USEPA "Hazardous Waste" per 40CFR 261.3? Yes No If "No", Please skip to section Fis this a "Universal Waste" per 40CFR part 273? Yes No Is this a "Characteristic Waste"? Yes No Characteristic Waste"? Yes No Characteristic For Toxic Metals:	Does the Waste contain any Class I or Class II ozone-depleting substances? Yes O No O If PCB'S are present, is the waste regulated by TSCA per 40 CFR 761? Yes O No O F. SHIPPING INFORMATION: Method of Shipment Bulk Liquid(> 500 Gallons) Bulk Solids(roll-off box, vacuum box, etc) Lab Pack Cubic Yard Boxes Totes (Please specify size) 5000 gal Drums (Select size) Select Other (Please specify) Shipping Frequency Number of Units Month Quarter Year Other G. R.C.R.A. CHARACTERIZATION: Is this a "Universal Waste" per 40CFR part 273? Yes O No O If "No", Please skip to section H Is this a "Characteristic Waste"? Yes O No O If "Yes", is it: D0001 Ignitable D0002 Corrosive D0003 Reactive Characteristic for Toxic Metals:	·	•		Ξ		
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Method of Shipment Bulk Liquid(> 500 Gallons)	Method of Shipment Bulk Liquid(> 500 Gallons)	Method of Shipment Bulk Liquid(> 500 Gallons)	E ALUDDINIO INFORMATION					
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G. R.C.R.A. CHARACTERIZATION: Is this a USEPA "Hazardous Waste" per 40CFR 261.3? Is this a "Universal Waste" per 40CFR part 273? Is this a "Characteristic Waste"? If "Yes", is it: D001 Ignitable D002 Corrosive D003 Reactive Characteristic for Toxic Metals:	G. R.C.R.A. CHARACTERIZATION: Is this a USEPA "Hazardous Waste" per 40CFR 261.3? Is this a "Universal Waste" per 40CFR part 273? Is this a "Characteristic Waste"? If "Yes", is it: D001 Ignitable D002 Corrosive D003 Reactive Characteristic for Toxic Metals:	G. R.C.R.A. CHARACTERIZATION: Is this a USEPA "Hazardous Waste" per 40CFR 261.3? Is this a "Universal Waste" per 40CFR part 273? Is this a "Characteristic Waste"? If "Yes", is it: D001 Ignitable D002 Corrosive D003 Reactive Characteristic for Toxic Metals:						
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Is this a USEPA "Hazardous Waste" per 40CFR 261.3? Is this a "Universal Waste" per 40CFR part 273? Is this a "Characteristic Waste"? If "Yes", is it: D001 Ignitable D002 Corrosive D003 Reactive	Is this a USEPA "Hazardous Waste" per 40CFR 261.3? Is this a "Universal Waste" per 40CFR part 273? Is this a "Characteristic Waste"? If "Yes", is it: D001 Ignitable D002 Corrosive D003 Reactive	Is this a USEPA "Hazardous Waste" per 40CFR 261.3? Is this a "Universal Waste" per 40CFR part 273? Is this a "Characteristic Waste"? If "Yes", is it: D001 Ignitable D002 Corrosive D003 Reactive			······································			
Is this a "Universal Waste" per 40CFR part 273? Is this a "Characteristic Waste"? If "Yes", is it: D001 Ignitable D002 Corrosive D003 Reactive Characteristic for Toxic Metals:	Is this a "Universal Waste" per 40CFR part 273? Is this a "Characteristic Waste"? If "Yes", is it: D001 Ignitable D002 Corrosive D003 Reactive Characteristic for Toxic Metals:	Is this a "Universal Waste" per 40CFR part 273? Is this a "Characteristic Waste"? If "Yes", is it: D001 Ignitable D002 Corrosive D003 Reactive Characteristic for Toxic Metals:		_				
Is this a "Characteristic Waste"? If "Yes", is it: D001 Ignitable D002 Corrosive D003 Reactive Characteristic for Toxic Metals:	Is this a "Characteristic Waste"? If "Yes", is it: D001 Ignitable D002 Corrosive D003 Reactive Characteristic for Toxic Metals:	Is this a "Characteristic Waste"? If "Yes", is it: D001 Ignitable D002 Corrosive D003 Reactive Characteristic for Toxic Metals:	Is this a USEPA "Hazardous Waste" per 40CFR 261.3? Yes	No O If "No	o", Please skip	to section H		
If "Yes", is it:	If "Yes", is it:	If "Yes", is it:	Is this a "Universal Waste" per 40CFR part 273? Yes	O oN C				
Characteristic for Toxic Metals:	Characteristic for Toxic Metals:	Characteristic for Toxic Metals:	Is this a "Characteristic Waste"?	O No O				
			If "Yes", is it: D001 Ignitable D002 Corrosive	D003 Rea	active			
ODOM ODOM ODOM ODOM ODOM ODOM	O DO04 O D005 O D006 O D007 O D008 O D009 O D010	O D004 O D005 O D006 O D007 O D008 O D009 O D010 O D011	Characteristic for Toxic Metals:					
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G. R.C.R.A. CHARACTE	ERIZATION: (COIIC.)				
Is this an "F" or "K" Liste	ed waste or	mixed with on	e? Yes 🔾	No 🗿		
If "Yes", Please list all a	pplicable co	de(s) from 40	CFR261.31 and/or 261.	32:		
Is this a commercial che	emical produ	uct or spill cle	anup that would carry a	a "U" or "P"		
waste code under 400	CFR 261.33 (e) or (f)	Yes O No	⊙		
If "Yes", Please list all a	• •	L				
Is this a state regulated		Yes (O No O			
If "Yes", Please list all c	odes. 00012	203H				
TH. DOT SHIPPING INFO	ORMATION: ·					
Is this a U.S. Dept. of Tr		n (USDOT) Ha	zardous Material?	Yes 🗿	No O	
Proper Shipping Name	per 49CFR 1	172.101 Hazar	dous Materials Table: F	lammable Liquid	ls, NOS	
"Reportable Quantity"	(if any) 100	lb	S			
Hazard Class or Divisio	n No.3	UN/NA #U	N1993 Packing G	Group	√ II	
Is this a "Poison Inhalat	ion Hazard"	?	Yes O No 💽)		
If "Yes", Please indicate			ne A Zone B	Zone C	Zone D	Other
List two primary hazard	dous constit	uents: 1 acet	ylaldehyde	2		
I. GENERATOR CERTIF	ICATION:	· · · · · · · · · · · · · · · · · · ·				· · · · · · · · · · · · · · · · · · ·
			scription is complete ar			
			omissions of composition osed. I also certify that			
			PCI permission and cor			
Name	Tan Bola	•	Title	e Auth. R	- ^ /	- 4-1
Name	John Chr.					energy
Signature	By Bat	<u></u>	_		Date 1/28/	68
						······································
THIS	SPACE	S FOR PC	I APPROVALS D	EPARTME	NT USE -	
Date Received	A DDDC	vicnic initial c	, nr			
Date Received	APPRO	MEK.2 IMHIAF3	PR		1	
DD 0 0500 00DF		PRI	CE	TRANS		
PROCESS CODE						
PROPER WASTE CODES						
PROPER WASTE CODES PROPER D.O.T. SHIPPIN	NG NAME					
PROPER WASTE CODES PROPER D.O.T. SHIPPIN HAZARD CLASS	NG NAME	NA	PACKING GROUP	1	11	111
PROPER WASTE CODES PROPER D.O.T. SHIPPIN HAZARD CLASS N.O.S DESCRIPTIONS	NG NAME	NA	PACKING GROUP	1	II	111
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PROPER WASTE CODES PROPER D.O.T. SHIPPIN HAZARD CLASS N.O.S DESCRIPTIONS YARD INSTRUCTIONS NO LANDFILL CUST	ng name Un Tomer	RUN S N/H FO RUN C	ALES ANALYTICAL OR METALS PER GEN.		MSDS ATTACI	HED D Analytical

Recyclable Feedstock Profile (including nonhazardous recyclable materials - NRMs)

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Generator Name: Noltex, L.L.C.

Generating Facility Name & Physical Address: 12220 Strang Road

City: LaPorte

State: Texas

Zip: 77571

Generator Contact Name & Title: Debbie Dalton HS&E Coordinator

Telephone #: 281.842.5031

Customer Name: CES Environmental Services, Inc.

(if different from Generator)

Invoice Mailing Address: 4904 Griggs Rd

City: Houston

State: TX

Zip: 77021

- 1. Material Name: Dewatering box
- 2. Process Generating the material (describe in detail): Riverwater solids generated from dewatering box.
- 3. Physical Characteristics (solid, semi-solid, moisture content, odor, etc.): Solid/ semi-solid
- 4. Volume (yards, tons etc) 15 yards

Frequency (weekly, monthly, etc): Monthly

5. Is this material ever generated as hazardous waste by the Facility? No (In accordance with regulations in 40 CFR Part 261 and/or 30 TAC Chapter 335 / Chapter 330)

|--|

ete This Section II a Wa	ste Code n	s Reaumed		
84348				•
00114031				
			-	· ·
Attachments				
	. ; .			
	84348 00114031	84348 00114031	84348 00114031	00114031

By signing this form, I certify that I am an authorized representative of the generating facility, and I warrant the recyclable materials represented are not a regulated hazardous waste (or treatment residue) by the USEPA, by an applicable State authority, or by any applicable local authority, and do not contain PCBs or other materials regulated by TSCA (i.e., 40 CFR 761). Further, I certify the material was sampled and analyzed in accordance with TCEQ regulation and the information and analytical provided is representative of the candidate material.

Print Name:
Signature: MR Roul

- Title: 5/20/08 Senin VICCPresident



SPECIAL WASTE UPDATE / RENEWAL CERTIFICATION

GENERATOR INFORMATION 1. Generator Name: 1. Address: 1. T. T. T. T. T. T. T. T. T. T. T. T. T.	CUSTOMER/BILLING INFORMATION 1. Billing Name:
	2. Address:
City: County: State: Zip:	City:
3. Site Location (if different):	3. Contact Name:
	4. Phone Number:
4. Contact Name:	5. Fax Number:
5. Phone Number:	5. Fax Number: 6. Is there a service agreement on file? YES NO
6. Fax Number:	
	E ANY INCORRECT INFORMATION***
REPUBLIC APPROVAL NUMBER: 04-0060	EXPIRATION DATE: 7/19/08
WASTE DESCRIPTION/NAME: EVOH	Kesin Solrols
 Attached Document(s): None MSDS Certified Ar If analytical data is attached, is the data derived from testing a laws? NO 	representative sample in accordance with 40 CFR 261 and/or other applicable
SHUP	PPING INFORMATION
1. Packaging: Bulk Solids Bulk Liquids Drums R	toll-Off Dump Truck Truck Cother:
2. Estimated Volume: 25 Tons Cubic Yards	Drums Gallons Other:
3. Shipping Frequency: per _ One Time	Monthly Yearly Other:
4. Designated Landfill(s): 5. Disposal Method: Landfill Solidification Biorem	Coll-Off Dump Truck Tank Truck Other: Drums Gallons Other: Monthly Yearly Other:
5. Disposal Method: Landfill Solidification Biorem	ediation [] Other:
In the event the physical or chemical nature of the waste stream new analytical must also be submitted.	is altered/changed, the landfill must be immediately notified in writing, and
Certifi	cation Statement:
	well as the process(es) generating the above named waste streams, have not
COMPANY NAME: CES (Agent forgenerator)	PRINTED NAME: Morgan Manager
DATE: 7/22/08	PRINTED NAME: Morgan Macharley SIGNATURE:
Form SW05 (2003)	V

Republic Waste Services of Texas, LTD Non-Hazardous Waste Frofile

Car more information please ca	ii Republic CS : at (800) 313-0680.
A GENERATOR INFORMATION	2) F11(F7771M16 / 446-2 M1640) N. 170
1. Generator Name Notice LLC	1. Contorner Name CES Reviewmental Services, Inc.
2. Sits Location 12230 Strong Road	2. Address 49 × Origes Read
2. Site Location	2. City Houst a
3. City LaPorts State TK Zip Code 77571	State IX Zp Code 77921
State TX Zip Code 77571 4. Phone 713-416-4160	4, Phone 712 576-1460
8. Fee 719-676-1676	A. Fee 713-6. 6-1676
6. State Facility IC# 84348	6. Contact Ju pits Thorise
7. State Weeks Code 90/64032	7. Title Offic Manager
C. WASTE STWEAM INFORMATION	(4 1887
1. Common Name of Waste Waste Solids (SVOE Resid St	treads, Politon and Paris)
Constituti Parame of Process Generating Waste and M Description of Process Generating Waste and M	A D. Addis KVOH Reeks smends, nellow and paste
from the measurement of plantic materials and rotto	Levide AL VILL PASS DANT FLORE TEST
Haliai There will be no Cras	4. Municipal / Innerstor - Yes 20 No
5, Industrial Generator 四Yes 口 No 6. Physical State at 70° 図 Solid 紹 Semisolid 口 Upok	
8. Oder [] Yes & No Describe	- 4894
9. Flesh Point NA 10. Resolive 17 Yes	
11. Free Liquid Tyes IN No. 12. Water content % to	
14. Is the analytical etherhal chirtyed from hading a represen	
18, Dan the year contain reductive or U.S.O.O.T. hyper	Sque restoriate? [] You [6] No
D. SUPPLEMENTAL IMPORMATION	
□ None □ MSD8 □ Armiyikesi Data 图 Process	Knowledge Number of pages attached 2 4
E. SHIPPING BUPORMATION	
E. SHEPPING SHPORGATION 1. Packaging Bulk Liquid Bulk solid Drum Oth	
E. BHIPPING ENPORTATION 1. Packaging □ Bulk Liquid 靈 Bulk solid □ Drum □ Oth 2. Enforming Volume 25 2. Designated deposed facility □ Republic CSC □ No	erStapping Frequency Monthly Yards Orur to Other Noy Lendin Call Lendin B Breson's County
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E. BHEPPING BIPORDATION 1. Packaging Bulk Liquid Bulk solid Drum Oth 2. Estimated Volume 25 Galione Bulk 2. Designated deposed facility Republic CSC Mill 2. North County Lendill Charter Landill Trust P. Gelharration / Gustomerican submitted and all second of the second designated a freezedore Wince or designated a freezedore Wince or designated by CSS Sovieties Notice LLC. Contents Name Republic IN THIS SPACE) Contents CNILL USE CNILL (DO NOT TREETE IN THIS SPACE)	Stripping Frequency Monthly Yards Orus to Other Noy Lendis JAT Lendis Bansoris County Incomplete Alpine Preside anto counts true on a source descriptions of side wants. No deliberate or response however is recommended in the second of the second in t
E. SHEPPING ENPORTATION 1. Pankaging Bulk Liquid Bulk solid Drum Oth 2. Enformed Volume 25 Galione 25 3. Designated deposed facility Republic CSC Mill 3. Designated deposed facility Republic CSC Mill 1. North County Landill Charter Landill Trust 1. North County Landill Charter Landill Trust 1. North County Landill Charter Landill Mill Mill 1. Involvy cartify that all information submitted and all sampled domain 1. Involvy cartify that all information submitted and all sampled domain 1. Involvy cartify that all information submitted and all sampled domain 1. Involvy cartify that all information submitted and all sampled discounts 1. Involvy Cartify that all information submitted and all sampled that all involve or part designated a fraction with the cartific and all sampled that all information of the cartific and the	Stripping Programmy Monthly Yarda
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PLS STS LETS PLOS

CES Environers:) Services

101-03-500f 18:83

Rhodia	Profile # . 0312003
X BATON ROUGE X HOUSTON BAYTOV	VN HAMMOND DOMINGUEZ MARTINEZ
Material Profile Data Shee	Sales Person
A. General Information	
Contact Joy Baker	SHIPPING FACILITY
The state of the s	Contact Shipper Name Noltex
Customer Name CES Environmental Services, Inc. 4904 Griggs Road	Shipper Name Noltex Address 12220 Strang Road
City Houston	City LaPorte
State TX Zip 77021	State TX Zip 77572
Phone # 713-676-1460 Fax # 713-676-1676	Phone # 713-842-5057 Fax #
USEPA ID# TXD 00 89 5 04 6 1	USEPA ID# TXR000011106
E-Mail Address Cahen @cesenvironmental.com	E-Mail Address jbaker@cesenvironmental.com
_ Jacob 1 Separation - Jacob 1	State Gen. ID No. 84348
Wasta Description Marks Name	
. Waste Description Waste Name	Waste Organics
Source Code G 0 7 Form Code W 2 0 3 Is	a representative sample provided?
	The second secon
Process Description: Production of Ethylene Vinyl Alcohol	
Extinguish w/ Carbon Dioxide, Dry Chem., Foa	Multi-Layer 40 CFR 268.2 iques are required, such as spills, fire response, etc.: m. Use SCBA. Cool surroundings with water spray.
Is this a USEPA hazardous waste? X Yes No	
is this an acutely hazardous waste (40 CFR 261.31 and 33)	Yes X No
List the USEPA hazardous waste codes, Specify the nature of a	ny D003 waste in section H 1: D001
Regulated Medical / Infectious waste	CERCLA Regulated (Superfund) Waste
Regulated Subpart CC Waste (VOC's ≥ 500 ppm by wt.)	Spent Solvent
Hazardous Debris (Subject to alternative LDR treatment sta	andards Exempt Waste (list reference in 40 CFR)
List any State Waste Codes or other state designations:	0001203H
. Shipping information	
DOT PROPER SHIPPING DESCRIPTION	Waste Flammable Liquids, NOS
DOT FROPER SHIFFING DESCRIPTION	Waste Flammable Liquids, NOS
Technical N.O.S. descriptions Vinyl A	Acetate, Methanol ERG # 128
HAZ. CLASS3 UN or NA ID Number	UN1993 Packing Group II RQ 100
X TRUCK RAIL	
BULK SHIPPING CONTAINERS	CONTAINER TYPE
	X Tanker
Quantity/Size Frequency	Vac. Trailer
5000 gai/TT Monthly	Other

						Profile	#	03	12003	
Hazardous Charac	teristics a	and Ot	her Compon	ents-S	ection mus	st be completed.				
•			ater Reactive		Acid Reactive	-		Tatal	Total	T
Fuming/Smoking Waste						` '		Total	Total	
Dioxins & Furans	3.00		Reactive		Alkaline Reac			nimum	(ppm)	(r
Ozone Depletion 40 CFF			plosive		Polymerizable			tection Limit		
Chlorine	- %		edioactive		Inorganic	Americ (An)			0.00	
Bromine	_ %	_	ological		Aqueous Peroxides	Arsenic (As)	1.30	ppm	0.99	_
lodine	%		ock Sensitive bestos			Thallium (TI)	1.44	ppm	0.99	_
Fluorine	— ppm		fected Benzene ^v		Ignitable	Silver (Ag) Barium (Ba)	0.20	ppm	0.99	_
Cyanides Sulfides	ppm		ontrolled Benzen			Beryllium (Be)	0.00 5 0.01	ppm	0.99	
Phenolics	ppm		CFR 61 Subpar			Chromium (Cr)	0.08	ppm	0.99	_
PCB	ppm		dizer	LFF		Antimony (Sb)	0.85	ppm	0.99	
1.0p —	ppm	<u></u>	MULCI			Lead (Pb)	0.86 0.47	ppm	0.99	_
t (2) Physical Chara	cteristics					Cadmium (Cd)	0.06	ppm	0.99	-
ply		imum	Maximum	Actua	1	Mercury (Hg)	0.01	ppm	0.05	
Ash (%)		0	0.5	0.0		Selenium (Se)	5.20	ppm	0.99	
Phosphate (mg/l)		0	50	25		Nickel (Ni)	1.01	ppm	0.99	_
Potassium (mg/l)	(Ō	1	0.5		Cobalt (Co)	0.355	ppm	0.99	_
Sodium (mg/l)		0	25	6		Manganese (Mn)	0.03	ppm	0.99	
Water (%)		0	20	13		Molybdenum (Mo)	0.417	ppm	0.99	
Sulfur (%)		0	1	0.10	6	Vanadium (V)	0.091	ppm	0.99	
Specific Gravity		.7	0.99	0.8	7	Zinc (Zn)	0.185	ppm	1.00	
Viscosity (centipoise)		0	10	5		Copper (Cu)	0.526	ppm	0.99	
PHconstituent		3	8	5		Chromium (6+)	0.007	ppm	0.99	
BTUs (1000/lb)		3	10	5.8	3	Aluminum (Al)	0.05	ppm	2.00	
Flash Point (closed cu		50	73	67		Titanium (Ti)	0.05	ppm	0.01	
-					—— I certify metals	are below MDL levels			Yes	
					-	or analytical data		X	No	
) Chemical Composi	tion (If actu	ial perce	entages are not k	nown, u	se ranges.) T	otai should be at least	100%.			
Constituents must be s								zene)		
HC	,		Minimum	•	Maximum	Avg/Actual	-	AS Nun	nber	
Acetaldehyde			0.001	%	22	- 11 %		75-07-		
			1	-% -	5	- 2.5 %		64-19-		
Acetic Acid			20	-% -	40	- 30 %		67-56-		
Acetic Acid Methanol			1	-%	10	- 5 %		79-20-		
Methanol								108-05		
Methanol Methyl Acetate			60		6 U	- /0 %		7732-1		
Methanol Methyl Acetate Vinyl Acetate			60 0.001	- % :	80 20	- <u>70</u> % - 13 %		1132-10		
Methanol Methyl Acetate			60 0.001	_% _%	20			7732-10		
Methanol Methyl Acetate Vinyl Acetate				- % :		- 13 %		7102-10		
Methanol Methyl Acetate Vinyl Acetate						<u>13</u> % %		7732-10		
Methyl Acetate Vinyl Acetate				_% . _% . _% .		- <u>13</u> % - % - %		7732-10		
Methanol Methyl Acetate Vinyl Acetate				-% - -% - -% -		- 13 % - % - % - %		7732-10		
Methanol Methyl Acetate Vinyl Acetate Water	ny of the folio	owing (C	0.001	% % % %		- 13 % - % - % - %		7732-10		
Methanol Methyl Acetate Vinyl Acetate Water	ny of the folic		0.001	%	20	- 13 % - % - % - %		7732-10		
Methanol Methyl Acetate Vinyl Acetate Water Description:	ny of the folio		0.001	%	20	- 13 % - % - % - %		7732-10		
Methanol Methyl Acetate Vinyl Acetate Water Description of the material contain are sticides (FIFRA)			0.001	%	20) by CAS #	13 %		7732-10		
Methanol Methyl Acetate Vinyl Acetate Water Description	ny of the folio		0.001	%	20	13 %		7732-10		
Methanol Methyl Acetate Vinyl Acetate Water Description of the strict o			0.001	%	20) by CAS #	13 %		7732-10		
Methanol Methyl Acetate Vinyl Acetate Water Description of the strict o	x	If Yes,	0.001	%	20 by CAS # 75-07-0; 10	- 13 % - % - % - % - % - %		7732-10		
Methanol Methyl Acetate Vinyl Acetate Water Des the material contain are sticides (FIFRA) PA RMP Regulated	X Dject to NSP	If Yes,	0.001	%	20 by CAS # 75-07-0; 10	13 %		7732-10		

Rhodia	Profile #	0312003
KEY SAFETY INFORMATION Primary Health Hazard: X Inhalation X Skin Contact Ing Do you open dome to sample or load? X Yes No How do you minimize vapor exposure? First Aid: Engineering con Inhalation: Move to fresh air, call w/ water. Call physician. Skin:	physician, Eyes: Flush	hing.
Type of Gloves Used: Nitrile x Neoprene Rubber PVC Butyl Type of Body Protection: Tyvek coated suit x Saranex Suit Acid resistant slicker List all: Chronic Health Hazards See MSDS	OtherOther:	
Acute Heath Hazards See MSDS		
REGULATORY INFORMATION Exempted from RCRA? Yes X No If exempted from RCRA, indicate basis: Spent sulfuric acid used to produce virgin sulfuric acid per 40 CFR261.4(a)(7) Used as an ingradient to make sulfuric acid per 40 CFR 261.2(e)(1)(i) (please provide analytical information or justification)	OSHA Chemicals: Please list the concentration range Vinyl chloride monomer (VCM) Benzene Acrylonitrile Formaldehyde Others List Ace	
· · · · · · · · · · · · · · · · · · ·	de: al:	ner Other Other Other
GENERATOR PROFILE CERTIFICATION I hereby certify that I am an authorized agent of the Generator, and warrant on behalf of information supplied on this form and on any attachments or supplements hereto is come that all known or suspected hazardsof the material(s) described herein have been disclayed. And Bully Auth. Agent for Generator. Name & Ritte (Printed or Typed) Date Generator.	plete and accurate, and	бд Вава рд 3 of 3
, , , · · ·		• •

13-703-5538 mego 113-703-5538 mego 1007 megos sorrows 1007 megos sorrows 1007 megos sorrows 1007 megos sorrows 1007 megos sorrows 1007 megos sorrows 1007 megos sorrows 1007 megos sorrows 1007 megos sorrows 1007 megos sorrows 1007 megos sorrows 1007 megos sorrows 1007 megos sorrows 1007 megos sorrows 1008 mego Frenda Leal 1948 8/1/08 300 AM
VISITING/AREA VISITOR CARD# DATE TIME IN

VISITOR SAFETY RULES

- Visitors are to be escorted at all times.
- Minimum PPE REQUIRED by everyone traveling beyond the yellow line into the operating and maintenance areas:
- If you have any questions ask your Rhodia host.
- Failure to comply with the safety rules is grounds for removal from the site.

19468

Joy Baker

From:

Melissa Noble [melissan@orpp.com]

Sent:

Thursday, July 16, 2009 4:08 PM

To: Cc: Joy Baker

Subject:

Brent Hill Brent Hill's information

Attachments:

20090716160420750.pdf

Joy,

Here is the information that you and Brent spoke about.

Thank you, Melissa

Melissa Noble

Select Environmental Administrative Assistant "We're not just a collector; we are your environmental manager!" (A Division of O'Rourke Petroleum)

223 McCarty

Houston, Tx. 77029

713-675-7376--Office

713-255-1761--Fax

melissan@orpp.com

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-----Original Message-----

From: SEPM@orpp.com [mailto:SEPM@orpp.com]

Sent: Thursday, July 16, 2009 3:04 PM

To: Melissa Noble; Brent Hill

Subject:

This E-mail was sent from "SelectEnvironmental" (Aficio MP C2500).

Scan Date: 07.16.2009 16:04:20 (-0400)

Queries to: SEPM@orpp.com

25 ton high grade diesel 90% diesel or more 2-3 trailers

Diego Garcia

ASH GROVE CEMENT COMPANY CHEM-FUEL® SURVEY

A CUSTOMER INFORMATION				
Company Name: Safety-Kleen	Federal EPA No. TXR000	011106		
BILLING ADDRESS Manifest			nifest Ad	ldress
Street: 1722 Cooper Creek	Street: Noltex 12220 Stran			
City: Denton State: Texas Zip: 76208	City: La Porte State: Tx.			
Nature of Business: TSD		····		
State ID Numbers: State ID 0001203H State TX	ID 30900 SIC Code(s)		··-	·
B CHEM-FUEL INFORMATION	D CHEM-FUEL COMPOSITION			
	(vol %)	Min	Max	Typica
Chem-Fuel Description: waste organics	acetylaldehyde			20%
	Acetic acid			10%
Process Description: PRODUCTION OF	methanol		50-6	
ETHYLENE VINYL ALCOHOL	Methyl acetate			10%
Benzene NESHAP Notification Required	Vinyl acetate			20%
☐ YES ☑ NO				
C PHYSICAL DESCRIPTION				
Physical State 🛛 Liquid 🗌 Semi-solid 🔲 Solid				
Color brown	Water			20%
Layers One Two Three	Nonvolatile Material 0			
Viscosity @ Temperature 0-10cP @ 67 °F	Settled Solids 0			
E RESTRICTED, PROHIBITED OR SPEC	TAL SUBSTANCES			
Check all of the following substances which may be in	the Chem-Fuel® Identify if present	Amou	nt	Units
Materials used exclusively as pesticides, herbicides				
OSHA carcinogens above exclusion levels				· · · · · · · · · · · · · · · · · · ·
Toxic components with OSHA PEL or ACGIH TLV	<2ppm or 8 mg/m³			
Toxic metals				
TSCA regulated substances (PCB, PBB)				·
Reactive components (sulfides, cyanides, shock sensi Water reactive components (isocyanates, acid chlorid		}		· · · · · · · · · · · · · · · · · · ·
Biological hazards (infectious agents, etc.)	ies, annyurides, etc.)	1		
None of the above Special handling required	d	<u> </u>		
DOT HAZARDOUS MATERIAL DESCRIPTION		FSCDIPTIC	N	
F (Ref. 49 CFR 172.101)	G (Ref. 40 CFR 261)	ESCRII IIC	74	
Proper Shipping Name: RQ waste flammable	Waste No.(s) ⊠ D001 ☐ F0	01 F	002	
liquids n.o.s.	⊠ F003 □ F00		005	
	☐ See attachment	П		
Hazard Class: 3 Number: UN1993	Hazard Code(s) XI T	$C \square R$	TE [٦H
☐ Not a DOT Hazardous Material	☐ Not an EPA I	lazardous \	Waste	
H CUSTOMER CERTIFICATION				
To the best of my knowledge, this is an accurate descri	ription and the sample submitted is represent	entative of t	he Chem-	Fuel®
			de Chom-	1 401
Name: Kandy Bolding Title: Lx	ECUTIVE VICE PRESIDENT			
Signature And And	Date: 3/25/08 Phone:	281-84	2-85	7
				
Comments:				
				

ASH GROVE CEMENT COMPANY CHEM-FUEL® SURVEY

Company Name: Safety-Kleen	A CUSTOMER INFORMATION				
BILLING ADDRESS Manifest Address Street: Noliex 12220 Strang Rd. Street: 1722 Cooper Creek Street: Noliex 12220 Strang Rd. City: Deaton State: Texas Zip: 76208 City: La Porte State: Tx. Zip: 77571 Nature of Business: TSD State D 0001243B State TX D 30900 SIC Code(s) B CHEM-FUEL INFORMATION D CHEM-FUEL COMPOSITION Min Max Typical Chem-Fuel Description: waste organics Acetic acid 10% Process Description: PRODUCTION OF Methanol 40% 40% Process Description: PRODUCTION OF Methanol 40% 40% 40% PROCESS DESCRIPTION Methanol 40% 40% 40% 40% 40% Process Description: PRODUCTION OF Methanol 40%					
City: Denton State: Texas Zip: 76268 City: La Porte State: Tz. Zip: 77571 Nature of Business: TSB				ldress	
Nature of Business: TSD State ID Numbers: State 1D 9001203H State TX ID 30900 SIC Code(s) Chem-Fuel Description: PNOPURIATION D CHEM-FUEL COMPOSITION Min Max Typical Chem-Fuel Description: waste organics Acetic acid 10%	Street: 1722 Cooper Creek Street: Noltex 12220 Strang Rd.				
State ID Numbers: State ID 0001203H State TX D 30900 SIC Code(s)					
B CHEM-FUEL* INFORMATION D CHEM-FUEL* COMPOSITION Chem-Fuel* Description: waste organics Acetic acid Acetic acid Acetic acid Acetic acid Benzene NESHAP Notification Required Yes OC PHYSICAL DESCRIPTION Physical State S Liquid Semi-solid Solid Layers One Two Three Nonvolatile Material Solids O E RESTRICTED, PROHIBITED OR SPECIAL SUBSTANCES Check all of the following substances which may be in the Chem-Fuel* Identify if present Amount Units Materials used exclusively as pesticides, herbicides, etc. OSHA carcinogens above exclusion levels Toxic components with OSHA PEL or ACGIH TLV <pre> 2ppm or 8 mg/m* Toxic metals TSCA regulated substances (PCB, PBB) Reservice components (socyanates, acid chlorides, anhydrides, etc.) Biological hazards (infectious agents, etc.) None of the above Special handling required F (Ref. 49 CFR 172.101) Proper Shipping Name: RQ waste flammable inquired Special shock sensitives, prophories) Hazard Class: 3 Number: UN1993 Not a DOT HAZARDOUS MATERIAL DESCRIPTION To the best of my knowledge, this is an accurate description and the sample submitted is representative of the Chem-Fuel* Name: Add Males Title: Lecurive V or Personer T Signature Amount Title: Lecurive V or Personer T Signature Amount Supplementative or the Chem-Fuel* Date: 3/25/08 Phone: 381-843-7-77</pre>					
Col % Min Max Typical Chem-Fuel Description: waste organics Acetic acid 20% Acetic acid 10% Acetic acid 10% Acetic acid 10% 10% Acetic acid 10% 10% Acetic acid 10% 10% Acetic acid 10% 10% Acetic acid 10%	State ID Numbers: State ID 0001203H State TX ID 30900 SIC Code(s)				
Acetic acid 10%	B CHEM-FUEL INFORMATION		Min Max	Typical	
Acetic acid 10%	Chem-Fuel Description: waste organics	acetylaldehyde		20%	
ETHYLENE VINYL ALCOHOL Benzene NESHAP Notification Required Visyl acetate C PHYSICAL DESCRIPTION Physical State Liquid Semi-solid Solid Color brown Avater					
Benzene NESHAP Notification Required YES	Process Description: PRODUCTION OF	methanol	50-4	20%	
YES	ETHYLENE VINYL ALCOHOL	Methyl acetate			
Physical State Liquid Semi-solid Solid Color brows Water	Benzene NESHAP Notification Required	Vinyl acetate		20%	
Physical State Liquid Semi-solid Solid Water	☐ YES ⊠ NO				
Physical State Liquid Semi-solid Solid Water	C PHYSICAL DESCRIPTION				
Color brown Layers Sone Two Three Viscosity @ Temperature 0-10cP @ 67 °F E RESTRICTED, PROHIBITED OR SPECIAL SUBSTANCES Check all of the following substances which may be in the Chem-Fuel® Identify if present Amount Units Materials used exclusively as pesticides, herbicides, insecticides, etc. OSHA carcinogens above exclusion levels Toxic components with OSHA PEL or ACGIH TLV <ppm (infectious="" (pcb,="" (ref.="" (socyanates,="" (sulfides,="" 08="" 172.101)="" 25="" 3="" 381-849-7577<="" 49="" 8="" a="" above="" accurate="" acid="" add="" agents,="" an="" and="" anhydrides,="" attachment="" best="" biological="" c="" certification="" cfr="" chem-fuel®="" chlorides,="" class:="" code(s)="" components="" customer="" cyanides,="" d001="" dadies="" date:="" description="" dot="" e="" epa="" etc.)="" f="" f001="" f002="" flammable="" h="" handling="" hazard="" hazardous="" hazards="" is="" knowledge,="" lecative="" liquids="" m.o.s.="" material="" mg="" my="" m³="" name:="" no.(s)="" none="" not="" number:="" of="" or="" pbb)="" phone:="" president="" proper="" pyrophorics)="" r="" reactive="" regulated="" representative="" required="" rq="" sample="" see="" sensitives,="" shipping="" shock="" special="" submitted="" substances="" t="" td="" the="" this="" title:="" to="" toxic="" un1993="" vice="" waste="" water=""><td></td><td></td><td></td><td>1</td></ppm>				1	
Color brown Layers Sone Two Three Viscosity @ Temperature 0-10-P @ 67 °F E RESTRICTED, PROHIBITED OR SPECIAL SUBSTANCES Check all of the following substances which may be in the Chem-Fuel® Identify if present Amount Units Materials used exclusively as pesticides, herbicides, insecticides, etc. OSHA carcinogens above exclusion levels Toxic components with OSHA PEL or ACGIH TLV <ppm (infectious="" (pcb,="" (ref.="" (socyanates,="" (sulfides,="" 172.101)="" 381.843-7.77<="" 49="" 8="" a="" above="" accurate="" acid="" add="" agents,="" an="" and="" anhydrides,="" attachment="" best="" biological="" c="" cc="" certification="" cfr="" chem-fuel®="" chlorides,="" code(s)="" components="" customer="" cyanides,="" d001="" daddes="" date:="" description="" dot="" e="" epa="" etc.)="" f="" f001="" f002="" f003="" f004="" f005="" flammable="" h="" handling="" hazard="" hazardous="" hazards="" i="" is="" knowledge,="" lecative="" liquids="" m.o.s.="" material="" mg="" my="" m³="" name:="" no.(s)="" none="" not="" of="" or="" pbb)="" president="" proper="" pyrophorics)="" r="" reactive="" regulated="" representative="" required="" rq="" sample="" see="" sensitives,="" shipping="" shock="" signature="" special="" submitted="" substances="" t="" td="" the="" this="" title:="" to="" toxic="" v="" waste="" water=""><td>Physical State M Liquid M Semi-solid M Solid</td><td></td><td></td><td> </td></ppm>	Physical State M Liquid M Semi-solid M Solid			 	
Layers \(\) One \(\) Two \(\) Three Viscosity \(\text{@ Temperature 0-10cP \(\text{@ 67 °F} \) Settled Solids \(0 \) E \(\) RESTRICTED, PROHIBITED OR SPECIAL SUBSTANCES Check all of the following substances which may be in the Chem-Fuel \(\text{[Materials used exclusively as pesticides, herbicides, insecticides, etc.} \) \[\] Materials used exclusively as pesticides, herbicides, insecticides, etc. \(\) \[\] OSHA carcinogens above exclusion levels \\ \[\] Toxic components with OSHA PEL or ACGIH TLV \(\text{2ppm or 8 mg/m} \) Toxic metals \[\] TSCA regulated substances (PCB, PBB) \\ \[\] Reactive components (sulfides, cyanides, shock sensitives, pyrophorics) \\ \[\] Water reactive components (isocyanates, acid chlorides, anhydrides, etc.) \\ \[\] Biological hazards (infectious agents, etc.) \\ \[\] None of the above \(\) Special handling required \\ \[\] DOT HAZARDOUS MATERIAL DESCRIPTION \(\) G \(\) Ref. 40 CFR 261) \\ \[\] Proper Shipping Name: RQ waste flammable \(\) [quids n.o.s. \\ \[\] Hazard Code(s) \(\) D001 \(\) F002 \\ \[\] See attachment \(\) Hazardous Material \\ \[\] Hazard Code(s) \(\) \		Water		20%	
Viscosity @ Temperature 0-10cP @ 67 °F Settled Solids 0				1070	
Toxic components with OSHA PEL or ACGIH TLV < 2ppm or 8 mg/m³ Toxic components with OSHA PEL or ACGIH TLV < 2ppm or 8 mg/m³ Toxic metals TSCA regulated substances (PCB, PBB) Reactive components (sulfides, cyanides, shock sensitives, pyrophorics) Water reactive components (sulfides, etc.) None of the above Special handling required F DOT HAZARDOUS MATERIAL DESCRIPTION (Ref. 49 CFR 172.101) Proper Shipping Name: RQ waste flammable liquids a.o.s. Hazard Class: 3 Number: UN1993 Hazard Class: 3 Number: UN1993 Hazard Code(s) Hazard Code(s) None of the best of my knowledge, this is an accurate description and the sample submitted is representative of the Chem-Fuel® Name: Amount Units Identify if present Indentify if Indentify if Indentify if Indentify if Indentify if Indentify if			 	+	
Check all of the following substances which may be in the Chem-Fuel® Identify if present Amount Units Materials used exclusively as pesticides, herbicides, insecticides, etc. OSHA carcinogens above exclusion levels Toxic components with OSHA PEL or ACGIH TLV <ppm (infectious="" (isocyanates,="" (ref.="" (sulfides,="" 172.101)="" 49="" 8="" above="" acid="" agents,="" anhydrides,="" biological="" cfr="" chlorides,="" components="" cyanides,="" description="" dot="" etc.)="" g<="" handling="" hazardous="" hazards="" material="" metals="" mg="" m³="" none="" of="" or="" pyrophorics)="" reactive="" required="" sensitives,="" shock="" special="" td="" the="" toxic="" water="" =""><td></td><td></td><td></td><td></td></ppm>					
Materials used exclusively as pesticides, herbicides, insecticides, etc.					
OSHA carcinogens above exclusion levels Toxic components with OSHA PEL or ACGIH TLV <ppm (infectious="" (isocyanates,="" (pcb,="" (ref.="" (sulfides,="" 172.101)="" 49="" 8="" a="" a.o.s.="" above="" accurate="" acid="" acides="" agents,="" an="" and="" anhydrides,="" attachment="" best="" biological="" certification="" cfr="" chem-fuel®="" chlorides,="" components="" customer="" cyanides,="" d001="" description="" dot="" epa="" etc.)="" f="" f001="" f002="" f003="" f004="" f005="" flammable="" h="" handling="" hazardous="" hazards="" is="" knowledge,="" lecutive="" liquids="" material="" metals="" mg="" my="" m³="" name:="" no.(s)="" none="" not="" of="" or="" pbb)="" president="" proper="" pyrophorics)="" randy="" reactive="" regulated="" representative="" required="" rq="" sample="" see="" sensitives,="" shipping="" shock="" signature<="" special="" submitted="" substances="" td="" the="" this="" title:="" to="" toxic="" tsca="" vice="" waste="" water="" □=""><td></td><td></td><td>Amount</td><td>Units</td></ppm>			Amount	Units	
Toxic components with OSHA PEL or ACGIH TLV < ppm or 8 mg/m³ Toxic metals TSCA regulated substances (PCB, PBB) Reactive components (subfides, cyanides, shock sensitives, pyrophorics) Water reactive components (isocyanates, acid chlorides, anhydrides, etc.) Biological hazards (infectious agents, etc.) None of the above		, insecticides, etc.			
Toxic metals TSCA regulated substances (PCB, PBB) Reactive components (sulfides, cyanides, shock sensitives, pyrophorics) Water reactive components (isocyanates, acid chlorides, anhydrides, etc.) Biological hazards (infectious agents, etc.) None of the above Special handling required F DOT HAZARDOUS MATERIAL DESCRIPTION (Ref. 49 CFR 172.101) Proper Shipping Name: RQ waste flammable liquids 1.0.2. Waste No.(s) D001 F001 F002 F003 F004 F005 See attachment Hazard Class: 3 Number: UN1993 Hazard Class: 3 Number: UN1993 Hazard Code(s) I T C R E H Not a DOT Hazardous Material Not an EPA Hazardous Waste H CUSTOMER CERTIFICATION To the best of my knowledge, this is an accurate description and the sample submitted is representative of the Chem-Fuel® Name: Raday Raday Title: Leacutive Vice Response of the Chem-Fuel® Signature Date: 3/25/08 Phone: 381-843-757		77			
TSCA regulated substances (PCB, PBB) Reactive components (sulfides, cyanides, shock sensitives, pyrophorics) Water reactive components (isocyanates, acid chlorides, anhydrides, etc.) Biological hazards (infectious agents, etc.) None of the above		<pre></pre>			
Reactive components (sulfides, cyanides, shock sensitives, pyrophorics) Water reactive components (isocyanates, acid chlorides, anhydrides, etc.) Biological hazards (infectious agents, etc.) None of the above					
Water reactive components (isocyanates, acid chlorides, anhydrides, etc.) Biological hazards (infectious agents, etc.) None of the above		ives nyrophorios)		——————————————————————————————————————	
Biological hazards (infectious agents, etc.) None of the above Special handling required DOT HAZARDOUS MATERIAL DESCRIPTION (Ref. 49 CFR 172.101) G EPA HAZARDOUS WASTE DESCRIPTION (Ref. 49 CFR 172.101) G (Ref. 40 CFR 261)					
None of the above		es, amyuraes, eu.)			
DOT HAZARDOUS MATERIAL DESCRIPTION (Ref. 49 CFR 172.101) G EPA HAZARDOUS WASTE DESCRIPTION (Ref. 49 CFR 172.101) G (Ref. 40 CFR 261)					
F (Ref. 49 CFR 172.101) Proper Shipping Name: RQ waste flammable liquids n.o.s. Waste No.(s) D001 F001 F002 F003 F004 F005 See attachment Hazard Class: 3 Number: UN1993 Hazard Code(s) I T C R E H Not a DOT Hazardous Material Not an EPA Hazardous Waste H CUSTOMER CERTIFICATION To the best of my knowledge, this is an accurate description and the sample submitted is representative of the Chem-Fuel Name: Randy Roding Title: Lecutive Vice President Signature Date: 3/25/08 Phone: 281-842-757					
Proper Shipping Name: RQ waste flammable liquids n.o.s. Waste No.(s) D001 F001 F002 F003 F004 F005 See attachment Hazard Class: 3 Number: UN1993 Hazard Code(s) I T C R E H Not a DOT Hazardous Material Not an EPA Hazardous Waste H CUSTOMER CERTIFICATION To the best of my knowledge, this is an accurate description and the sample submitted is representative of the Chem-Fuel Name: RQ waste flammable Waste No.(s) D001 F001 F002 F003 F004 F005 See attachment Not an EPA Hazardous Waste Hazard Code(s) I T C R E H Not an EPA Hazardous Waste Name: RQ waste flammable Date: RO03 F004 F005 See attachment Not an EPA Hazardous Waste Date: Response For Res					
See attachment Hazard Class: 3 Number: UN1993 Hazard Code(s) I T C R E H Not a DOT Hazardous Material Not an EPA Hazardous Waste H CUSTOMER CERTIFICATION To the best of my knowledge, this is an accurate description and the sample submitted is representative of the Chem-Fuel Name: Name Nam			1 F002		
Hazard Class: 3 Number: UN1993 Hazard Code(s) T T C R E H Not a DOT Hazardous Material Not an EPA Hazardous Waste H CUSTOMER CERTIFICATION To the best of my knowledge, this is an accurate description and the sample submitted is representative of the Chem-Fuel Name:	1 2 2	· · · · · · · · · · · · · · · · · · ·			
Hazard Class: 3 Number: UN1993 Not a DOT Hazardous Material Not an EPA Hazardous Waste					
Not a DOT Hazardous Material Not an EPA Hazardous Waste	Hazard Class: 3 Number: IIN1993		TR F	ημ	
H CUSTOMER CERTIFICATION To the best of my knowledge, this is an accurate description and the sample submitted is representative of the Chem-Fuel Name: Randy Bodding Title: LKECUTIVE VICE PRESIDENT Signature Date: 3/25/08 Phone: 381-842-757		, , —			
Name: Randy Bridge Title: LKECUTIVE VICE PRESIDENT Signature: Date: 3/25/08 Phone: 281-842-757					
Name: Randy Bording Title: LECUTIVE VICE PRESIDENT Signature: Date: 3/25/08 Phone: 281-842-757					
Signature 2011 Box Date: 3/25/08 Phone: 281-842-57	10 the best of my knowledge, this is an accurate descri	ipuon and the sample submitted is represen	tative of the Chem-	Fuel	
	Name: Kandy Bording Title: LX				
Comments:	Signature Om Boas	Date: 3/25/08 Phone:	281-842-55	7	
	Comments:				

GEOCYCLE

GENERATOR CERTIFICATION FOR THE STABILIZATION OF MATERIALS WITH THE POTENTIAL FOR POLYMERIZATION

Geocycle requires monomer materials, and other substances that have the potential to polymerize upon subjection to certain conditions such heat, light, air, water, or specific chemicals or types of chemicals, to be stabilized or inhibited to prevent polymerization. Polymerization causes a potentially dangerous increase in temperature and pressure, which can pose a significant threat of bodily injury and/or property damage. To minimize this risk and ensure the health and safety of our customers and our employees, Geocycle is requiring that waste streams containing unstable materials be properly stabilized or inhibited.

To be properly stabilized, shipments must contain the minimum amount of a stabilizer or inhibitor necessary to effectively and adequately stabilize the material and prevent polymerization when subjected to conditions that would normally cause polymerization of the uninhibited material. Some inhibitors are perishable compounds that will deplete over time due to the effects of exposure to heat, light, agitation, air and specific chemicals. This depletion can create an environment where polymerization can occur. For this reason, even if an inhibitor was added to the material previously to maintain a sufficient level of inhibitor to prevent polymerization, Geocycle is requiring its customers to ensure that the stabilizer is effective at time of deliver to a Holcim or Geocycle facility.

Additionally, materials shipped to the Geocycle facility may be mixed or blended with other wastes. These wastes contain a wide range of chemical substances with varying characteristics. Geocycle requires customers to alert the facility if a stream or shipment may polymerize, regardless of the presence of the proper inhibitor, if it is mixed with specific chemicals or compound classes. This will ensure that the best disposal option is utilized to maximize safety and benefit to customers.

The generator is responsible for ensuring that all bulk-shipments of unstable materials is inhibited with adequate amounts of the proper inhibitor or stabilizer, prior to shipment to an Geocycle or Holcim facility to ensure polymerization will not occur. A signed copy of this certification must be present at the receiving facility, or the waste will be rejected. Additionally, Geocycle may require this certification for each individual shipment of waste containing unstable material.

Generator: Noltex Customer: Noltex
Waste Description: WASTE Organics
Survey No.: or Manifest No.:
Generator Certification:
On behalf of the Generator, I hereby represent, warrant, and certify that: I am a duly authorized representative of the
Generator; and the VIVI Active containing waste with the characteristics described above and all Name of unstable component in waste stream
other waste materials containing this substance are delivered to Geocycle and/or Holcim are properly stabilized with
Para Benzoquiane to prevent polymerization of Viny Greater Generator agrees to Name(s) of stabilizer(s) or inhibitor(s) Compared to prevent polymerization of Viny Greater Generator agrees to Name of Chemical with polymerization potential
indemnify and hold Holcim (US), Inc. and its subsidiaries harmless for any claim, liabilities, damages, and costs including,
but not limited to, tank clean-out fees, arising out of or in any way related to breach of the above warranty.
Name Randon Boeding Title Executive Vice President
Signature State St

IDS profiles

EPAHO082001842



4904 Griggs Road Phone: (713) 676-1460 Houston, TX 77021 Fax: (713) 676-1676

http://www.cesenvironmental.com

TCEQ Industrial Solid Waste Permit No: 30948 U.S. EPA ID No: TXD008950461 ISWR No: 30900

SECTION 1: Genera	ator Information	on											
Company:	Industrial Degassing Services, LLC - IDS												
Address :	2406 Market Street 2406 Market Street												
City, State, Zip:	Baytown TX	77520											<u></u> .
Contact :	Bobby Lee						Title :						
Phone No :	(281) 837-74	131					Fax:	(2	81) 837-	7434			
24 / HR Phone :							_						
U.S EPA I.D No :													
State I.D :							SIC Co	ode na	<u> </u>				
SECTION 2: Billing	Information												
Company:	Industrial De	gassing S	Services, LLC	- IDS									
Address:	2406 Market	Street 24	106 Market S	treet									
City, State, Zip:	Baytown TX	77520				 .							
Contact :	Bobby Lee						Title :						
Phone No :	(281) 837-74	131					Fax:	(28	81) 837-	7434			
SECTION 3: Genera	al Description	of the Was	ste										
Name of Waste :	Diesel and w	/ater											
Detailed Descript Physical State:	tion of the Pi Liqui	d	<u></u> Slu	aste: dge er Cake			wder mbinatio	on					
Color :			dark		Ode						slight		
Specific Gravity ((Water=1) :		1		Der	sity:				8.34			lbs / gal
Does this material	contain any to	tal phenoli	ic compound	s?	Yes	3	✓ No		·				
Does this material	contain any pa	ara substiti	uted phenolic	compo	unds?		Yes	[✓ No				
Is the Waste subject	ct to the benze	ne waste o	peration NE	SHAP? (40 CFR P	art 61,	Subpart	FF)		Yes		No	
2812 2813 2	2816 2819	2821 2	822 2823	2824	2833	2834	2835	2836	2841	2842	2843	2844	2851
2861 2865 2	2869 2873	2874 2	876 2879	2891	2892	2893	2896	2899	2911	3312	4953	4959	9511
Layers :	Sing	le-Phas	✓ Mu	lti-Phas	se .								
Container Type :	Drun	n 🔣	Tote	✓	Truck	**	Other ((explai	n)				
Container Size :													
Number Of Units													
Is this a USEPA "N	ease complete,	sign and da	ate the Underl		☐ \ ardous Co		☑ Nots Form		d hereto				

Characteristic for Toxic	Metals: D004	D00	5 D006		0007			
	☐ D008	D009	9 D010) <u> </u>	011			
Characteristics for Toxic	Organics: D012 thru	D043 (ple	ase list all tha	t apply)	!			
Is this an "F" or "K" List	ed waste or mixed wi	th one?	Yes	✓ No				
If "Yes", then please	list ALL applicable co	des:						
Is this a commercial pro 261.33(e) or (f)?	duct or spill cleanup t	that would	carry a "U" oı	· "P" wast	e code under 40	CFR 🗌	Yes 🗸 N	lo
If "Yes", then please	list ALL applicable co	odes:						
Texas State Waste Code	e No:	lecycle						
Proper U.S. State Waste	Code No :		Recycl	able hydro	ocarbon and wate	er mixture		
Class: na	UN/NA:	na	-	PG:	na		RQ:	na
Flash Point	рН		Reactive Sulf	ides	Reactive Cyar	nides	Solids	
>200	neutral	1	0	mg/l	0	mg/l	<2	%
Oil and Grease	тос		Zinc		Copper		Nickel	
>1500 mg/	1	mg/l	0	mg/l	0	mg/l	0	mg/l
SECTION 4: Physical and (
The meterial	COMPONENTS				**************************************	ncentration		inits
ine material	product consists o	the follo	wing materia	<u> </u>	Ranges	90-95	table c	or %
	diesel					5-10		%
•	sediment					0-2		%
								1
SECTION 5: Safety Related	Data							
If the handling of this w		e of speci	al protective	eauipmer	nt. please explai	n.		
standard PPE			p	- -	, product corpre			
SECTION 6: Attached Supp	orting Documents							
List all documents, note	es, data, and/or anal	ysis attacł	hed to this fo	rm as par	t of the waste a	oproval pad	kage.	
SECTION 7: Incompatibiliti	inc.							
SECTION 7: Incompatibiliti Please list all incompati								
oxidizers	bilides (il aliy).							
050510N 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0								
SECTION 8: Generator's K			riation lists.	halow 184	AC NOT DEDEC	DMED have	ad unas Al	
Laboratory analysis of t following generators kn		cnaracter	nsucs, listed	neiow, W	AS NUI PERFU	KINIED Dase	to upon the	
TCLP Metals :	Σ							
TCLP Volatilies :	<u>x</u>							
TCLP Semi-Volatiles :	<u>x</u>							
Reactivity:	<u>X</u>							
			2					

Corro	sivity: <u>X</u>
Ignita	bility: <u>x</u>
0507	ON 0 West Province Observing all the 40 OFP 407
	ON 9: Waste Receipt Classification Under 40 CFR 437
is this	material a wastewater or wastewater sludge? YES NO
If YES	S', complete this section
PLEA	SE CHECK THE APPROPRIATE BOX: IF NO APPROPRIATE CATEGORY, GO TO THE NEXT PAGE
Matal	s Subcategory: Subpart A
	Spent electroplating baths and/or sludges
	Metal finishing rinse water and sludges
	Chromate wastes
	Air pollution control blow down water and sludges
	Spent anodizing solutions
	Incineration wastewaters
	Waste liquid mercury Cyanida containing wastes greater than 136 mg/l
	Cyanide-containing wastes greater than 136 mg/l Waste acids and bases with or without metals
	Cleaning, rinsing, and surface preparation solutions from electroplating or phospha
	Vibratory deburring wastewater
	Alkaline and acid solutions used to clean metal parts or equipment
	The same and a same continues to some more particles of equipments
Oils S	Subcategory: Subpart B
	Used oils
~	Oil-water emulsions or mixtures
	Lubricants
	Coolants
	Contaminated groundwater clean-up from petroleum sources
	Used petroleum products
	Oil spill clean-up
	Bilge water
	Rinse/wash waters from petroleum sources Interceptor wastes
	Off-specification fuels
	Underground storage remediation wastes
	Tank clean-out from petroleum or oily sources
	Non-contact used glycols
	Aqueous and oil mixtures from parts cleaning operations
	Wastewater from oil bearing paint washes
Orgar	nics Subcategory Subpart C Landfill leachate
	Contaminated groundwater clean-up from non-petroleum sources
	Solvent-bering wastes
	Off-specification organic product
	Still bottoms
	Byproduct waste glycol
	Wastewater from paint washes
	Wastewater from adhesive and/or epoxies formulation

Wastewater from organic chemical product operations

	Tank clean-out from organic, non-petroleum sources	
(1)	If the waste contains oil and grease at or in excess of 100	mg/L, the waste should be classified in the oils subcategory
(2)	If the waste contains oil and grease less than 100 mg/L, ar excess of the values listed below, the waste should be class	nd has any of the pollutants listed below in concentrations in sified in the metals subcategory
	Cadmium: 0.2 mg/L	
	Chromium: 8.9 mg/L Copper: 4.9 mg/L	
	Nickel: 37.5 mg/L	
(3)	If the waste contains oil and grease less than 100 mg/L, ar or nickel above any of the values listed above, the waste s	nd does not have concentrations of cadmium, chromium, copper, hould be classified in the organics subcategory.
	☐ Metals Subcatego	
	✓ Oils Subcatego	
	☐ Organics Subcategory	
SE	CTION 10: Additional Instruction	
COI	romium, Copper, Nickel, and Oil and Grease, CES will send icentrations. This will be prior to acceptance. The generator CTION 11: Generator's Certification	offsite to a commercial laboratory a sample to determine these will be responsible for the cost of the analysis.
ab de	ove and attached description is complete and accurate t	or knowledge and/or analytical data. I hereby cerity that the to the best of my knowledge and ability to determine that no exist and that all known or suspected hazards have been ative of all materials described by this document.
Αι	thorized Signature :	Date :
Pr	nted Name / Title :	· · ·
C	ES USE ONLY (DO NOT WRITE IN THIS SPACE)	Process Facility Information :
С	ompliance Officer :	
D	ste: Status: Approved	Rejected
: Aı	proval Number :	

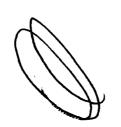
	GATX Hearne Drum Prof		<u> </u>
Profile Number	Name of Waste	CES Cost	GATX Price
CES 1058	Wastewater with Methanol		\$75.00/drum
CES 1057	Flammable Products		
	Nonene		
	Petroleum Distillates		
	Toluene		
	Xylene		
	Octane		
CES 1059	NH Absorbent Waste		
CES 1363	NH Waste Solids		
	Asphalt		
	Pariffin Wax		1
	Stearic Acid		
CES 2178	Recyclable Fuels		\$75.00/drum
	Ethanol		
	Butanol		
	Methanol		
	Propanol		
	Other hydrocarbons	İ	1
	Water		
CES 2218	Recyclable Alcohols		\$75.00/drum
	Ethanol 0-100%		
	Methanol 0-100%		
CES 2467	Ferric chloride product		\$100.00/drun
CES 2550	Aluminum Hydroxychloride		\$145.00/drun
CES 2596	Ferric Sulfate		
CES 2563	Sodium Hydrosulfide		\$250.00/drun
CES 2633	N-Methyl-2-pyrrolidone		\$75.00/drum
CES 2605	Sodium Bromide		\$100.00/drun
CES 2779	Ammonium Chloride Solution		\$65.00/drum
TECO 090056386	Corrosive Liquids (low pH)	\$100.00/drum	
	Hydrochloric Acid		
	Phosphoric Acid		1
PCI 236659	Flammable Liquids	L \$45.00/drum	\$75.00/drum
	Methanol	\$85.00/drum	\$180.00/drun
	Butyl Acrylate	So	
	Methyl Acrylate		
	Mineral Spirits		
	Alkyl Benzene		
	Methyl-Tert-Butyl Ether		
	Jet Fuel		
	Naphthalene	J	J
	Dicyclopentadiene		
	Vinyl Acetate		
	Styrene		
	Methyl Ethyl Ketone	ľ	
	Toluene		

	Tetrahydrofuran			
	Xylene			
PCI 288072	MDI		\$0.99/lb	\$1.25/lb
PCI 235548	Waste Phenol Solutions		\$45.00/drum	
		S	\$89.00/drum	
PCI 236658	Paint Related Material			
PCI 257568	Sodium Hydroxide Solution		\$100.00/drum	\$175.00/drum
PCI 288002	Flammable Solids		\$140.00/drum	\$190.00/drum
	Creosote	_		
PCI 287993	Oxidizing Solids (Chlorine)			
PCI 288007	Flammable Solids			
	Ammonium Nitrate	_		
PCI 257613	Hazardous Waste Solid			
	Dichlorobenzene			
PCI 224516	Phthalic Anhydride			
PCI 236670	Waste Phenol Solids			
PCI 262083	Hydrochloric Acid			
PCI 257614	Waste toxic liquids			
	DMA			
PCI 257586	Waste Corrosive Liquid			
	Acrylic Acid			
PCI 262028	Waste Trichlorobenze			
PCI 232314	Waste corrosive liquid, toxic			
	Sodium Hydroxide, arsnic			
PCI 262029	Waste Toluenediamine			
PCI 224515	Waste Acedic Acid			
PCI 232312	Hazardous Waste Liquid		\$1.60/lb	\$2.00/lb
	Mercaptoethanol			Table 1 1 1 1 1 1 1 1 1 1
PCI 288093	Waste Cresols	_	\$45.00/drum	\$75.00/drum
	Cresyllic Acid			
TECO 090062039	Hydrofluorosilicic acid		\$200.00/drum	\$295.00/drum
TECO 090062935	Sodium Aluminate Solution		\$125.00/drum	
PCI 318485	Sulfate Turpentine		\$ 3.70/lb	\$4.20/lb
	Must be overpacked	Min	\$1485/drum	\$1645.00/drum
PCI 335567	Aminobenzene		\$45.00/drum	\$75.00/drum
TECO 090064088	Sodium Bisulfite		\$100.00/drum	
TECO 090064862	Poly Aluminum Hydroxychloride		\$125.00/drum	\$225.00/drum

SCHNEIDER DRUMS

257557	Tretrahydrofuran BPR 81232 Polylite HCF 193 839.5 Sigma Cure 7211 UCB Pt 1 EC2425A Petrotec Nalco Corrosion Inhibitor Vinyl Acetate (Raw Material)	ر ا
	Xylene	
288050	Sodium Hydroxide	
288102	Styrene Monomer	
288065	Caustic Sludge	

2144 Nonhazardous Tankheels



ENTERPRISE MORGANS POINT DRUM PROFILES

Profile Number	Name of Material	Waste code
CES 2101	Fire Fighting Foam	11041011
CES 1201	Empty Drums/Buckets	Recycle
CES 2094	Unused methanol	Product
CES 2093	Ethanol Product	Product
CES 1197	Light End Hydrocarbon and Water Mixture	Recycle
	Natural Gas	
Ì	Kerosene	[
	MTBE	
	Diesel	
	Rust Dirt Sand	
•	Trash	}
	Water	
CES 1198	Oily Water Mixture	Recycle
	Motor Oil	
	Compressor Oil	ĺ
	Hydraulic Oil	
	Diesel	
Ì	Water]
	Dirt Sand Silt	
	Trash	
CES 1196	Non hazardous Sludge Class 1	00704091
	AluminoSilicate Support Balls	
	Sandblast Media	
	Rust Dirt Sand	
	Trash with Oil/Grease	
	Water	
CES 2382	Non hazardous Sludge (Tank 209 sludge)	00116072
CES 2315	Dirty Water	11051142
CES 2314	Ethylene Glycol	Recycle

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GATX PLANTERSVILLE DRUM PROFILES					
Profile Number	Name of Waste	Comments			
PCI 257572	Universal Paint Related Material				
CES 1768	Products Hydrochloric Acid	Liquids			
	Ferric Chloride Bleach (Sodium Hypoclorite Solution) Phosphoric Acid	All Ferric comes to CES			
TECO 090048690	Acidic Wastes Hydrochloric Acid Phosphoric Acid Water	Sludges/Solids - Open top drums			
CES 1107	Sandblast Media				
CES 2142	Calcium Ammonium Nitrate				
CES 2834	Sodium Hydrosulfide Solution				

AMERIFORGE WASTE PROFILE NUMBERS

Profile Number	Name of Waste
1004	Oily Sludge
1003	Oily Water
1254	Empty Drums and Totes
1281	Oily Rags
	Absorbent
	Non haz drums
2835	Oily Pallets
1757	Universal Waste Batteries
1758	Universal Waste Flourescent Lightbulbs
2136	Universal Waste Non PCB Capacitors
288028	Universal Paint Waste

SLAY TRANSPORTATION PROFILE INFORMATION

Profile Number	Description of Waste	TX Waste Code	Expiration Date
1) 1019	Non Haz Solids	60914091	7/1/2006
1020	Non Haz Liquid/Sludge	00035191	7/1/2006
1670	Non Haz Sump Sludge	00035191	7/17/2006
HUI II PCI-228939	MDI		
PCI-228936	TDI		
11 PCI-228932	HMDI (Desmadure)		
PCI-288091	Maleic Anhydride	0012409H	
PCI-288095	Phenol	0022208H	
PCI-288099	Flammable Liquid		

2198 Empty Drums

AMERIFORGE JOBS & PROFILE NUMBERS

Profile Number	Name of Job	TX Waste Code	Expiration Date
1004	NH Drums (pit sludge)	00076031	6/23/2006
1003	Oily Water	Recycle	6/24/2006
1254	Recylable Empty Drums	Recycle	12/8/2006
1254	Empty Totes/batteries	Recycle	12/8/2006
? ? 2 1281	Recylable Oily Rags & Absorbents	Recycle	12/8/2006
1281	Non Haz Drums	00076031	1/3/2007
PCI-259109	Haz Drums		
PCI-288028???	Universal Paint Waste	None	approval?????
NP-07130506662BH	Spent Phosphating Water	00111191	\ .

33011 Mereury Switches

HEEL DETAIL BY PRODUCT REPORT

Pool, Dooz from Bay Park R.

(Flammable/Corrosive)

Product Name:

CYCLOHEXYLAMINE 14-159. DIBUTYLAMINE 5-1090 DIETHANOLAMINE × 10-1594 DIETHYLENETRIAMINE 5-1070 DIETHYLETHANOLAMINE 3 イグラコ DIETHYLHYDROXYLAMINE 3-5% DIMETHYLAMINE 5-1- 5-ETHANOLAMINE 5-109. **ETHYLAMINE** 3-590 3-5% METHYLAMINE TRIETHANOLAMINE 8-1070 TRIETHYLENE TETRAMINE 1-390 TRIPROPYLAMINE 5-109-

HEEL DETAIL BY PRODUCT REPORT

DOOT from
Bay Park Rd.

[Pagel]

(Flammable)

262065

Product Name:

1-390 PENTANOL ETHYLHYXANOL 1-37. ETHYLHEXYL ACRYLATE 1-2 り。 METHOXYETHANOL 1-2% 5-890 ACETONE ALPHA-METHYL STYRENE 1-290 BUTANOL 1-490 CUMENE .5-190 CYCLOHEXANONE 1-29. CYLCOOCTADIENE ノーをかる DICYCLOPENTADIENE 3-5つ。 DIETHYLENE GLYCOL MONOBUTYL EHTER 3、5つ。 DIPHENYLO OXIDE-DIPHENYL MIXTURE ,5-190 15-190 DIVINYL BENZENE 15-2090 **EPOXY RESIN** ETHANOL 2-590 ETHYLENE GLYCOL MONOBUTYL ETHER 2-5つ~ ETHYLENE GLYCOL MONOETHYL ETHER ACETAT 2-590 ETHYLENE GLYCOL MONOMETHYL ETHER ACETAT 2-5% GASOLINE 1-290 GLYCOL ETHER 1-290 HAZARDOUS WASTE WATER, FLAMMABLE 1-39. HEAVY AROMATIC NAPHTHA 5-107 **HEXANE** 3-5% ISODECANOL 3-590 ISOPHORONE -01- .0500 ISOPROPANOL 1-590 METHANOL 1-590 METHYL ETHYL KETONE 5-890 METHYL ISOBUTYL KETONE 5-5% METHYL PROPYL KETONE N-BUTYL ACRYLATE .5-290 1-290 NAPHTHA NAPHTHALENE 1-350 PETROLEUM DISTILLATES 5-107. PETROLEUM PRODUCTS 5-1070 PINE OIL 2-59 POLYACRYLAMIDE 1-274 PROPANOL 3-5% PROPYLENE GLYCOL MONOMETHYL ETHER 3-59

HEEL DETAIL BY PRODUCT REPORT

(Flammable)

263062

STYRENE 3-5%

TETRAHYDRONAPTHALENE .5-1%

TOLUENE 5-10%

TRIETHYLENE GLYCOL MONOETHYL ETHER 5-10%

VINYL ACETATE

VINYL RESIN SOLUTION 5-10%

XYLENES 5-10%

Trimac Dool from Bay Park Rd. Page 2

SLAY TRANSPORTATION PROFILE INFORMATION

Profile Number	Description of Waste	TX Waste Code	Expiration Date
1019	Non Haz Solids	60914091	7/1/2006
1020	Non Haz Liquid/Sludge	00035191	7/1/2006
	Non Haz Sump Sludge	00035191	7/17/2006
2198	Empty drums		
PCI-228939	MDI		
PCI-228936	TDI		
PCI-228932	HMDI (Desmadure)		
PCI-288091	Maleic Anhydride	0012409H	
PCI-288095	Phenol	0022208H	
PCI-288099	Flammable Liquid		

Audit Package

EPAHO082001859

CES Environmental Services, Inc.

Audit Package

4904 Griggs Road, Houston, TX 77021 Office: 713-676-1460, Fax: 713-676-1676 www.cesenvironmental.com

CES ENVIRONMENTAL SERVICES, INC.

Company Profile and Objectives

CES Environmental Services, Inc. (CES), provides economical waste transportation and disposal services as well as recycling of off-specification products and materials containing residual value. CES additionally provides remediation, decontamination, and industrial cleaning services.

The primary goal of CES is to provide customers with compliant, safe and cost-effective solutions to their hazardous and non-hazardous waste disposal and recycling needs. CES provides innovative recycling and disposal alternatives using a pervasive approach and its extensive knowledge of these markets.

A partial list of services offered by CES are listed below:

- Waste Packaging, Transportation, and Disposal Services (Hazardous and Non-Hazardous Materials)
- Waste Sampling, Analysis and Characterization
- Recycling Alternatives
- Tank, Pit and Sump Cleaning Services
- Remediation Services
- Pressure Washing Services
- Chemical Cleaning Services
- Small Scale Emergency Response Services
- Small Scale Demolition Services
- Fuel Filtration
- Regulatory Assistance

CES ENVIRONMENTAL SERVICES, INC.

The Competitive Edge

reatures

Customer Benefits

Customer Focused

Comprehensive, practical solutions

to Customer's needs

Innovative/Compliant Recycling Alternatives

Waste minimization and lower cost

to customers.

Knowledge of Waste Market and TSDFs

Flexible disposal alternatives and lower costs to the Customer

Turnkey Services

Allows customer to focus on core

business activities

Operational Flexibility

Accommodation of Customer's

needs (small or large)

CES Environmental Services, Inc.

Waste Profile Data Information for Incoming Wastes



4904 Griggs Road Phone: (713) 676-1460 Houston, TX 77021 Fax: (713) 676-1676

http://www.cesenvironmental.com

TCEQ Industrial Solid Waste Permit No: 39048 U.S. EPA ID No: TXD008950461 ISWR No: 30900

SECTION 1: General Company: Address:	ator Information		
City, State, Zip: Contact: Phone No: 24/hr Phone: U.S. EPA I.D. No:			Title: Fax No:
State I.D. SECTION 2: Billing Company: Address:		Same as Above	SIC Code:
City, State, Zip:			
Contact:		Title:	
Phone No:		Fax No:	
SECTION 3: General	al Description of th	e Waste	
Name of Waste: Detailed Description		ting Waste:	
Physical State:	☐ Liquid ☐ Solid	Sludge Filter Cake	Powder Combination
Color:	•	Odor:	
Specific Gravity (was	ter=1):	Density: lbs/gal	
Layers:	☐ Single-phase	☐ Multi-phase	
Container Type: Container Size:	□ Drum	☐ Tote ☐ ☐ ☐ ☐	Truck
Frequency: Number of Units (co	Weekly	Monthly Other:	Quarterly
Texas State Waste Co		V	
Proper U.S. DOT Shi			
Class:	UN/N	A:	PG: RQ:
Flash Point	рН	Reactive Sulfides mg/l	Reactive Cyanides Solids
Oil&Grease	TOC		Copper Nickel
mø/l	ma/l	ma/l	

SECTION 4: Physical and Chemical Data

COMPONENTS TABLE	Concentration	Units
The waste consists of the following materials	. Ranges are acceptable	or %
		
SECTION 5: Safety Related Data		
If the handling of this waste requires the use of special protecti	ive equipment, please explain.	
SECTION 6: Attached Supporting Documents		
List all documents, notes, data, and/or analysis attached to this	form as nart of the waste annroyal nacka	TA .
	or in as part of the waste approvar packa	gc.
SECTION 7: Incompatibilities		
Please list all incompatibilities (if any):		
SECTION 8: Generator's Knowledge Documentation		
Laboratory analysis of the hazardous waste characteristics, list generator knowledge:	ted below, WAS NOT PERFORMED base	d upon the following
TCLP Metals: TCLP Volatiles: TCLP Semi-Volatiles: Reactivity: Corrosivity: Ignitability:		
		
SECTION 9: Generator's Certification		
The information contained herein is based on generator knowl attached description is complete and accurate to the best of my omissions of composition properties exist and that all known or stested are representative of all materials described by this document	knowledge and ability to determine that n suspected hazards have been disclosed. I ce	o deliberate or willfu
Authorized Signature:	Date:	
Printed Name/Title:		
CES USE ONLY (DO NOT WRITE IN THIS SPACE)		
Compliance Officer:	Additional Information:	
Date: Approved Rejected		
Approval Number		

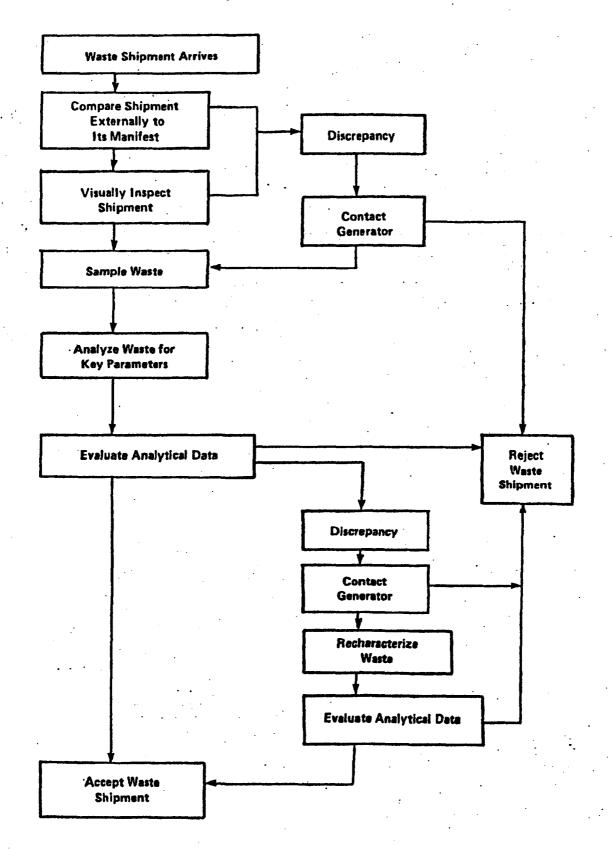
SE	CTION 10: Waste Receipt Classification Under 40 CFR 437
Is t	his material a wastewater or wastewater sludge? YES NO
If "	Yes', complete this section.
PL.	EASE CHECK THE APPROPRIATE BOX. IF NO APPROPRIATE CATEGORY, GO TO THE NEXT PAGE
<u>Meta</u>	ls Subcategory: Subpart A
	Spent electroplating baths and/or sludges Metal finishing rinse water and sludges Chromate wastes Air pollution control blow down water and sludges Spent anodizing solutions Incineration wastewaters Waste liquid mercury Cyanide-containing wastes greater than 136 mg/l Waste acids and bases with or without metals Cleaning, rinsing, and surface preparation solutions from electroplating or phosphating operations
H	Vibratory deburring wastewater Alkaline and acid solutions used to clean metal parts or equipment
Oils .	Subcategory: Subpart B
	Used oils Oil-water emulsions or mixtures Lubricants Coolants Contaminated groundwater clean-up from petroleum sources Used petroleum products Oil spill clean-up Bilge water Rinse/wash waters from petroleum sources Interceptor wastes Off-specification fuels Underground storage remediation waste Tank clean-out from petroleum or oily sources Non-contact used glycols Aqueous and oil mixtures from parts cleaning operations Wastewater from oil bearing paint washes
<u>Orga</u>	nics Subcategory: Subpart C
	Landfill leachate Contaminated groundwater clean-up from non-petroleum sources Solvent-bearing wastes Off-specification organic product Still bottoms Byproduct waste glycol Wastewater from paint washes Wastewater from adhesives and/or epoxies formulation Wastewater from organic chemical product operations Tank clean-out from organic, non-petroleum sources

(1)	If the w	vaste contains oil and grease at or in excess of 100 mg/L, the waste should be classified in the oils subcategory.
(2)		vaste contains oil and grease less than 100 mg/L, and has any of the pollutants listed below in concentrations in excervalues listed below, the waste should be classified in the metals subcategory.
	Chromi Copper	um: 0.2 mg/L ium: 8.9 mg/L r: 4.9 mg/L r: 37.5 mg/L
(3)		vaste contains oil and grease less than 100 mg/L, and does not have concentrations of cadmium, chromium, copper, cabove any of the values listed above, the waste should be classified in the organics subcategory.
		Metals Subcategory
		Oils Subcategory
		Organics Subcategory
or or	10N 14	

SECTION 11: Additional Instructions

If you cannot determine the correct subcategory in Section 9 and you did not furnish data for the concentration of Cadmium, Chromium, Copper, Nickel, and Oil and Grease, CES will send offsite to a commercial laboratory a sample to determine these concentrations. This will be prior to acceptance. The generator will be responsible for the cost of the analysis.

WASTE SHIPMENT SCREENING PROCEDURES



ATTACHMENT WASTE ANALYSIS PLAN

Waste Analysis Plan

For each waste stream shipped to the CES Environmental Services (CES) facility, there will be a CES profile for that waste. The profile will be filled out by the generator, and approved by CES per TCEQ guidelines and site permit parameters. CES will transfer the profile information to a permit for the TSDF. The generator will be CES, and the profile will reflect all waste material that had was bulked into that container. The disposal facility will review the CES profile. Any additional analysis will be performed by CES or the original generator. The approval for the waste stream will be based on TCEQ guidelines and other various site permit parameters.

A CES quality assurance/quality control technician will review all profiles and wastes before receiving the material. The QA/QC technician will test new materials in a bench lab setting before adding to the containers. Waste that is not compatible with other material will be segregated in the container it was received. There will be a separate section in waste management unit number 6 to segregate incompatible waste.

For all liquid wastes, a bench laboratory test will be performed to ensure compatibility with waste that has previously been received at the facility. A qualified QA/QC technician will review the profile filled out by the generator, and compare it to the other material previously accepted and stored on-site. This material will also be tested on a bench lab test to confirm compatibility. CES and the final TSDF will review the profile and determine if any further analytical is required by the TCEQ guidelines or the TSDF site permit parameters.

Process Flow Chart - Schematic

- 1. Offload waste containers into WMU #106.
- 2. Inspect each container in accordance with Waste Analysis Plan.

Non-Acceptable

Acceptable Waste

1. Return containers to generator.

- 1. Log container into inventory for processing.
- 2. Store in ready area in WMU #106 as solid or liquid.

Solids

Liquids

- 1. Transfer containers to WMU #107 for processing.
- 2. Empty contents of containers into roll-off boxes. Transfer free liquids to WMU #108.
- 3. Load box until full. Transfer free liquids to WMU #108.
- 4. Prepare roll-off box for shipment.

- 1. Transfer containers to WMU #108 for processing.
- 2. Empty contents of containers into the 6,500-gallon poly tank.
- 3. Load tank until full.
- 4. Schedule tank for shipment

Off-site Shipment

Transport waste to treatment storage and disposal facility for final disposition.

CES ENVIRONMENTAL SERVICES, INC.

WASTE ANALYSIS PLAN FOR INDUSTRIAL SOLID WASTE PERMIT 39048

MARCH 2005

CES ENVIRONMENTAL SERVICES, INC. WASTE ANALYSIS PLAN FOR

INDUSTRIAL SOLID WASTE PERMIT NO. 39048

A. <u>Waste Management Information for Facility</u> (Table III.A. of Nonhazardous Permit Application)

Waste to be Stored or Processed	Source	Volume of Waste to be Stored or Processed
(1) Inorganic Liquids	Industrial Class I and II Nonhazardous Generators	Volume equivalent of up to 500, 55 gallon drums
(2) Organic Liquids	Industrial Class I and II Nonhazardous Generators	Volume equivalent of up to 500, 55 gallon drums
(3) Inorganic Solids	Industrial Class I and II Nonhazardous Generators	Volume equivalent of up to 500, 55 gallon drums
(4) Organic Solids	Industrial Class I and II Nonhazardous Generators	Volume equivalent of up to 500, 55 gallon drums
(5) Inorganic Sludges	Industrial Class I and II Nonhazardous Generators	Volume equivalent of up to 500, 55 gallon drums
(6) Organic Sludges	Industrial Class I and II Nonhazardous Generators	Volume equivalent of up to 500, 55 gallon drums
D Mosto Managed in De	manifeld and the first of	

B. <u>Waste Managed in Permitted Units</u> (Table III.B.)

TABLE III.B. - WASTES MANAGED IN PERMITTED UNITS

<u>No.</u>	<u>Waste</u>	Physical Form (e.g., solid, liquid, sludge)	TCEQ Waste Form Codes and Classification Codes
1.	Inorganic Waste	Liquids	Class 1 and 2
2.	Organic Waste	Liquid	Class 1 and 2
3.	Waste Inorganics	Solids	Class 1 and 2
4.	Waste Organics	Solids	Class 1 and 2
5 .	Inorganic Waste	Sludges	Class 1 and 2
6.	Organic Waste	Sludges	Class 1 and 2

EPAHO082001876

Sampling and Analytical Methods

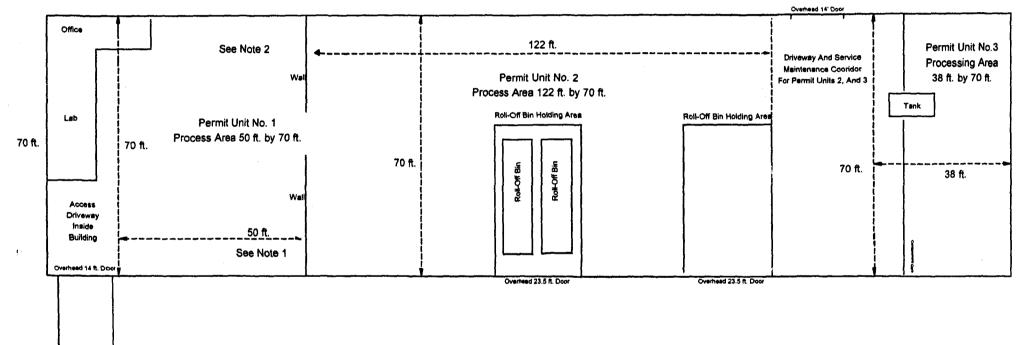
Waste <u>No.</u>	Sampling Location	Sampling Method	Frequency	<u>Paramete</u> r	Test Method
1	Solid Waste Warehouse Area	COLIWASA	Every 10 Drums Every Tote Every Truck	pH General Composition Compatibility	SW-846 Method 9040/or pH Indicator Strips Process Knowledge EPA-600/2-80-076/or Lab Testing
2	Solid Waste Warehouse Area	COLIWASA	Every 10 Drums Every Tote Every Truck	General Composition Visual Appearance Compatibility	Process Knowledge Lab Testing EPA-600/2-80-076/or Lab Testing
3	Solid Waste Warehouse Area	ASTM STD D420-69	Every 10 Drums Every Container Every Bin	General Composition Compatibility Visual Appearance	Process Knowledge EPA-600/2-80-076/or Lab Testing
4	Solid Waste Warehouse Area	ASTM STD D1425-65	Every 10 Drums Every Container Every Bin	General Composition Compatibility Visual Appearance	Process Knowledge EPA-600/2-80-076/or Lab Testing
5	Solid Waste Warehouse Area	ASTM STD D140-70	Every 10 Drums Every Tote/Container Every Truck/Bin	pH General Composition Compatibility	SW-846 Method 9040 Process Knowledge EPA-600/2-80-076/or Lab Testing
6	Solid Waste Warehouse Area	ASTM STD D140-70	Every 10 Drums Every Tote/Container Every Truck/Bin	pH General Composition Compatibility	SW-846 Method 9040 Process Knowledge EPA-600/2-80-076/or Lab Testing

Driveway

Access Ramp

0

CES INDUSTRIAL WASTE PROCESSING BUILDING



AS BUILT DRAWING OF CES ENVIRONMENTAL SERVICES, INC.
INDUSTRIAL WASTE PROCESSING BUILDING

Enclosed Metal Building With Raised Concrete Foundation

SHOWING PERMIT UNITS 1, 2, AND 3

Drawing Number IV.A. 1 inch = 17 ft. Plan View Date 04/18/05 Drawn by C. M.



NOTE:

- Ignitable (flammable), or reactive wastes storage area which is 50 feet from the facility property line.
- Incompatible waste separated by raised metal containment barrier.

General Information

CES ENVIRONMENTAL SERVICES INC 4904 GRIGGS RD HOUSTON, TX 77021 ATTN: SEAN EASTON



ACKNOWLEDGMENT OF RCRA SUBTITLE C SITE IDENTIFICATION FORM

This is to acknowledge that you have filed a RCRA Subtitle C Site Identification Form for the facility located at the address shown in the box below to comply with Section 3010 of the Resource Conservation and Recovery Act (RCRA). Your EPA Identification Number for that facility appears in the box below. The EPA Identification Number must be included on all shipping manifests for transporting hazardous wastes; on all Annual Reports that generators of hazardous waste, and owners and operators of hazardous waste treatment, storage, and disposal facilities must file with EPA; on all applications for a Federal Hazardous Waste Permit; and on other hazardous waste management reports and documents required under Subtitle C of RCRA. A Subsequent RCRA Subtitle C Site Identification Form is required should any information on the original document change.

EPA I.D. Number:

TXD008950461

Facility Name and Address:

CES ENVIRONMENTAL SERVICES INC

4904 GRIGGS RD

HOUSTON, TX 77021

October 23, 2003





INDUSTRIAL SOLID WASTE PERMIT NO. 39048 ISWR NO. 30900

Texas Commission on Environmental Quality Austin, Texas

PERMIT FOR INDUSTRIAL SOLID WASTE MANAGEMENT SITE issued under provisions of TEXAS HEALTH AND SAFETY CODE ANN.

Chapter 361 (Vernon)

Name of Permittee:

CES Environmental Services, Inc.

4904 Griggs Road Houston, Texas 77021

Site Owner:

CES Environmental Services, Inc.

4904 Griggs Road Houston, Texas 77021

Classification of Site:

Industrial Nonhazardous Solid Waste Processing and Storage, Off-

site, Commercial

The permittee is authorized to manage wastes in accordance with the limitations, requirements, and other conditions set forth herein. This permit is granted subject to the rules of the Commission and other Orders of the Commission, and laws of the State of Texas. This permit does not exempt the permittee from compliance with the Texas Clean Air Act. This permit will be valid until canceled, amended, modified or revoked by the Commission, except that the authorization to manage wastes shall expire midnight, 10 years after the date of permit approval.

ISSUED:

JUL 27 2004

TCEQ-0080 (Rev. 10-09-03)

For The Commission

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



REGION 6 1445 ROSS AVENUE, SUITE 1200 · DALLAS, TX 75202-2733

August 28, 2003

CES ENVIRONMENTAL SERVICES INC 4904 GRIGGS RD HOUSTON, TX 77021 ATTN: SEAN EASTON

This is to acknowledge that, in compliance with Section 3010 of the Resource Conservation and Recovery Act (RCRA), you have filed a Notification of Regulated Waste Activity for:

CES ENVIRONMENTAL SERVICES INC 4904 GRIGGS RD HOUSTON, TX 77021

Your EPA Identification Number for this installation is: TXD008950461

The EPA Identification Number must be included in all shipping manifests for transporting hazardous wastes; on all Bienniel Reports that generators of hazardous wastes, and owners and operators of hazardous waste treatment, storage, and disposal facilities must file with EPA; on all applications for a Federal Hazardous Waste Permit; and other hazardous waste reports and documents required under Subtitle C of RCRA. A Subsequent Notification of Regulated Waste Activity is required should any information on the original document change.

Paul Sieminski, Chief

RCRA State/Tribal Oversight Section

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION ACKNOWLEDGMENT OF RECYCLING NOTIFICATION

Generator Name: CES ENVIRONMENTAL SERVICES, INC.

Date of Notification: 07/01/2002

Solid Waste Registration Number: 30900

Texas Waste Code: RECEIVER

The TNRCC acknowledges the receipt of your notification pursuant to the requirements of Title 30 TAC § 335.6. Please note that this is not an approval of your recycling activities. The requirements for industrial and/or hazardous wastes which are recycled are found at Title 30 TAC § 335.24. As a reminder, your facility is responsible for insuring that:

- 1) The subject wastes are managed in accordance with Title 30 TAC § 335.4 (general prohibitions) and Chapter 26.121 of the Texas Water Code; and
- 2) Should any changes occur or additional information become available concerning: the composition of the waste, the process by which the waste is generated or managed, or any other information referenced in 30 TAC § 335.6, this information is to be provided immediately to the TNRCC.

Your notification has been forwarded to the Industrial and Hazardous Waste Section of Record Services.

Signed: M. Suft	Corum		Title:	Team Lead	er
Date: 8/20/02	_ File #:	1730	JKB		
Technical Analysi			Section, MC	130, Waste Pe	ermits Division.
Phone (512) 239	6412, Fax (5	12) 239 64	10.	•	

SEAN EASTON
CES ENVIRONMENTAL SERVICES, INC.
4904 GRIGGS ROAD
HOUSTON, TX 77021

Robert J. Huston, Chairman R. B. "Ralph" Marquez, Commissioner Kathleen Hartnett White, Commissioner Margaret Hoffman, Executive Director



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution
March 24, 2003

Mr. Sean Easton, Vice President CES Environmental Services, Inc. 4904 Griggs Road Houston, TX 77021

Re:

Removal of Hazardous Heels From Tanker Trailer/Waste Containers

Solid Waste Registration Number 30900 Technical Analysis File Number 2914

Dear Mr. Easton:

The Technical Analysis Team of the Texas Commission on Environmental Quality (TCEQ) has received your letter of March 7, 2003 regarding the requirements that must be met in order for CES Environmental Services, Inc. (hereafter referred to as CES) to properly remove hazardous heels from tanker trailers or waste containers that are *not* "RCRA empty". On behalf of the TCEQ, I wish to thank you for the opportunity to respond to your letter.

In your letter, you state that, based on the TCEQ interoffice memorandum dated August 5, 1998 entitled, "Management of Residues from Containers", it is CES' understanding that it may remove the hazardous waste heels from tanker trailers or containers that are not "RCRA empty" provided that the following conditions are met:

- 1. CES is registered with the TCEQ as a transporter of hazardous waste;
- 2. CES is registered with the TCEQ as a transfer facility and is in compliance with 30 Texas Administrative Code (TAC) Section 335.94 and 30 TAC Section 335.65;
- 3. Before any heel removal can be started, CES must receive the trailer or other waste container accompanied by a new manifest that is filled out in accordance with the instructions listed in Part C of the aforementioned memorandum;
- 4. CES must use only dry methods of removal (e.g., scrapping, digging, gravity draining etc.) that do *not* alter the physical or chemical properties of the waste; and
- 5. Once the hazardous heels have been removed, CES must properly label, store and transport the resulting waste to a permitted TSD facility for final disposal as well as make the referenced changes to the manifest.

Robert J. Huston, Chairman R. B. "Ralph" Marquez, Commissioner Kathleen Hartnett White, Commissioner Margaret Hoffman, Executive Director



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

May 19, 2003

DAN BOWMAN CES ENVIRONMENTAL SERVICES INC 49C4 GRIGGS RD HOUSTON, TX 77021

Re: Registration for Used Oil Activities at CES ENVIRONMENTAL SERVICES
4904 GRIGGS RD
HOUSTON, TX 77021

TCEQ Registration No. A85775

ONE TIME REGISTRATION FOR THIS USED OIL HANDLER

Dear Registrant:

The Texas Commission on Environmental Quality(TCEQ) has received your "Registration for Used Oil Handler" form. Our records indicate that your application is administratively complete and you are currently registered in the State of Texas as the following:

PROCESSOR TRANSFER FACILITY TRANSPORTER

A copy of this registration must be retained at your designated place of business and if you are registered as a transporter, in each vehicle used to transport the above mentioned.

Your assigned TCEQ Registration Number is A85775. Please contact the TCEQ office within 30 days, whenever:

- * the office mailing address is changed;
- * the registered facility name has changed;
- there is a change in ownership; or
- * it is determined that the operations or management methods are no longer adequately described in the existing registration.

If you should have any questions, please feel free to contact the Municipal Solid Waste (MSW) Registration Team at (512) 239-6832 option 2.

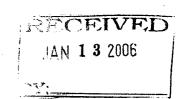
Used Oil Recycling Program
Registration and Reporting Section
Registration, Review, and Reporting Division

cc: TCEQ Region 12 - HOUSTON

P.O. Box 13087 • Austin, Texas 78711-3087 • 512/239-1000 • Internet address: www.tceq.state.tx.us

Kathleen Hartnett White, Chairman R. B. "Ralph" Marquez, Commissioner Larry R. Soward, Commissioner Glenn Shankle, Executive Director





TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

January 11, 2006

DAN BOWMAN CES ENVIRONMENTAL SERVICES INC 4904 GRIGGS RD HOUSTON, TX 77021

Re: Registration for Used Oil Filter Activities at: CES ENVIRONMENTAL SERVICES
4904 GRIGGS RD
HOUSTON, TX 77021

TNRCC Registration No. A85775

REGISTRATION FOR THIS USED OIL FILTER HANDLER EXPIRES December 31, 2007

Dear Registrant:

The Texas Commission on Environmental Quality(TCEQ) has received your "Registration for Used Oil Filter Handler" form. Our records indicate that your application is administratively complete and you are currently registered in the State of Texas as the following:

STORAGE FACILITY TRANSPORTER

A copy of this registration must be retained at your designated place of business and if you are registered as a transporter, in each vehicle used to transport the above mentioned.

Your assigned TCEQ Registration Number is A85775. Please contact the TCEQ office within 30 days, whenever:

- the office mailing address is changed;
- * the registered facility name has changed;
- there is a change in ownership; or
- * it is determined that the operations or management methods are no longer adequately described in the existing registration.

If you should have any questions, please feel free to contact the Municipal Solid Waste (MSW) Registration Team at (512) 239-6832 option 2.

Used Oil Recycling Program
Registration and Reporting Section
Registration, Review, and Reporting Division

cc: TCEQ Region 12 - HOUSTON

Robert J. Huston, Chairman R. B. "Ralph" Marquez, Commissioner John M. Baker, Commissioner Jeffrey A. Saitas. Executive Director



TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

Protecting Texas by Reducing and Preventing Pollution

May 2, 2000

Mr. Bob Thompson Wash Rack Manager Suttles Truck Leasing, Inc. 4904 Griggs Road Houston, Texas 77021

Re: Permit by Rule Registration No. 15980
Additional Chemicals
Houston, Harris County
Account ID No. HG-1270-B

Dear Mr. Thompson:

This is in response to your permit by rule, Forms PI-7-261, concerning your request to add crude Sodium Acetate, Sodium Nitrite, Trifluralin HF, Triethyleneamine, Duraphos (Dibutyl Hydrogen Phosphite), aqueous inorganic aggregate matter slurries and suspensions, aqueous metal oxide slurries and suspensions, 1,4-cyclohexanedimethanol, and polyethylene terephthalate to the approved chemical list at your tank container cleaning facility in Houston, Harris County. We understand the estimated routine emissions are 1.56 pounds per hour and 0.60 ton per year. We further understand this facility is located at least 100 feet from any off-plant receptor.

After evaluation of the information which you have furnished, we have determined that your request is authorized under 30 Texas Administrative Code (TAC) Section 106.261 if constructed and operated as described in your registration request. This permit by rule was authorized by the Texas Natural Resource Conservation Commission (TNRCC) pursuant to 30 TAC Chapter 106. A copy of the permit by rule in effect at the time of this registration is enclosed. You must operate in accordance with all requirements of the enclosed permit by rule.

You are reminded that regardless of whether a permit is required, these facilities must be in compliance with all rules and regulations of the TNRCC and of the U.S. Environmental Protection Agency at all times.

Mr. Bob Thompson Page 2 May 2, 2000

Re: Permit by Rule Registration No. 15980

Your cooperation in this matter is appreciated. If you have any questions concerning this permit by rule, please call Mr. Monico Banda at (512) 239-1589 or write him at the Texas Natural Resource Conservation Commission, Office of Permitting, Remediation, and Registration, Air Permits Division (MC-162), P.O. Box 13087, Austin, Texas 78711-3087.

Sincerely,

Tammy Villarreal

Manager, Chemical and Coatings Section

January Villarical

Air Permits Division

TV/MB/jo

Enclosure

cc: Mr. Arturo J. Blanco Air Section Manager, Houston

Mr. Rob Barrett, Director, Harris County Pollution Control Department, Pasadena

Mr. Manuel Aguirre, P.E., Chief, Bureau of Air Quality Control, Health and Human Services Department, Houston

Record No. 71507

Kathleen Hartnett White, Chairman R. B. "Ralph" Marquez, Commissioner Larry R. Soward, Commissioner Glenn Shankle, Executive Director



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

April 28, 2005

Mr. Marlin Moser Business Manager CES Envionmental Services, Inc. 4904 Griggs Road Houston, Texas 77021-3208

Re: Permits by Rule Registration Number: 75375

Tank Container Cleaning Facility

Houston, Harris County

Regulated Entity Number: RN100693282 Customer Reference Number: CN600618946

Dear Mr. Moser:

This is in response to your Form PI-7, entitled "Registration for Permits by Rule," concerning the addition of chemicals emitted from your tank cleaning operation located at 4904 Griggs Road in Houston, Harris County. We understand that this Permit by Rule claim is intended to authorize the addition of new chemicals to the list of chemicals previously approved for cleaning under Registration Number 15980. This claim does not represent an increase in volatile organic compound emissions over current allowable rates.

After evaluation of the information which you have furnished, we have determined that your modification is authorized under Title 30 Texas Administrative Code §§ 106.261 and 106.262 (30 TAC §§ 106.261 and 106.262) if constructed and operated as described in your registration request. These permits by rule were authorized by the Executive Director of the Texas Commission on Environmental Quality (TCEQ) pursuant to 30 TAC Chapter 106.

Copies of the permits by rule in effect at the time of this registration are enclosed. You must construct, install, or modify facilities in accordance with the version of the permits by rule in effect when construction, installation, or modification actually begins [see 30 TAC § 106.4(a)(5)]. After completion of construction, installation, or modification, the facility shall be operated in compliance with all the applicable conditions of the claimed permits by rule, and 30 TAC § 106.4.

You are reminded that regardless of whether a permit is required, these facilities must be in compliance with all rules and regulations of the TCEQ and of the U.S. Environmental Protection Agency at all times.

Mr. Marlin Moser Page 2 April 28, 2005

Re: Permits by Rule Registration Number: 75375

Please reference the regulated entity number (RN), customer reference number (CN), and permit number noted in this document in all your future correspondence for the referenced facility or site. The RN replaces the former TCEQ account number for the facility (if portable) or site (if permanent). The CN is a unique number assigned to the company or corporation and applies to all facilities and sites owned or operated by this company or corporation.

Your cooperation in this matter is appreciated. If you have any questions concerning these permits by rule, please contact Mr. Dario Hearns at (713) 767-3740 or write to the Texas Commission on Environmental Quality, Office of Permitting, Remediation, and Registration, Air Permits Division (MC-163), P.O. Box 13087, Austin, Texas 78711-3087.

Sincerely,

Anne M. Inman, Manager

General/Standard/Rule (GSR) Permit Section

Air Permits Division

Texas Commission on Environmental Quality

AMI/DJH/alb

Enclosures

cc: Mr. Philip B. Evans, Director - Technical Services, The WCM Group, Inc., Humble

Mr. Arturo Blanco, Bureau Chief, Bureau of Air Quality Control, Health and Human Services Department, City of Houston, Houston

Mr. Rob Barrett, Director, Harris County Public Health and Environmental Services, Pollution Control Department, Pasadena

Air Section Managers, Region 12 - Houston

Project Number: 114405

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY SLUDGE TRANSPORTER REGISTRATION

Transporter Registration Number: 23198 8/11/2005



BUSINESS INFORMATION

Company Name:

C E S ENVIRONMENTAL SERVICES INC

Last Update: 6/29/2005

Tax ID:

1 760592985 4

Expiration Date: 8/31/2007

Charter Number:

01520431

Status: Active

Business Type:

Corporation

Registered Since: 10/23/2001

Texas County:

Harris

Cancellation Date:

TCEQ Region:

12

Haul waste from TX

to another state? N

Haul waster from

another state to TX? N

Physical Address:

4904 GRIGGS RD

HOUSTON, TX 77021-3200

Mailing Address:

4904 GRIGGS RD HOUSTON, TX 77021 **Contact Information:**

Contact Name: MR ERIC FISHER

Phone:

713-676-1460 Ext.

Fax:

713-676-1676

E-Mail:

Sticker Numbers Issued:

The stickers listed below will expire on 8/31/2007.

0490, 0491, 0492, 0493, 0494, 0495, 0496, 0497, 0498, 0499, 0500, 0501, 0502, 0503, 0504, 0505, 2346

This is your registration which reflects the information submitted on your application to the Register or Renew as a Transporter of Municipal Sludge(s) and Similar Wastes. Requirements for transportation are provided in accordance with 30 TAC Chapter 312. Issuance of this registration is not acknowledgement by the TCEQ that your operation is in full compliance with the rules and regulations of the TCEQ. Changes or additions referred to this notice require written notification to the TCEQ. Please keep a copy of this registration in every vehicle transporting sludge and all locations where business is being transacted under this registration.



U.S. Department of Transportation Research and Special Programs Administration

400 Seventh St., S.W. Washington, D.C. 20590

May 8, 2001

Mr. Steven K. Stricker
Operations Head
CES Environmental Services Inc.
3901 Trailmobile Drive
Houston, Texas 77013

Dear Mr. Stricker:

Under Section 107.503 of Title 49, Code of Federal Regulations (49 CFR), and based upon your letter requesting registration, CES Environmental Services Inc. located at 3901 Trailmobile Drive, Houston, Texas is assigned registration identification number CT-2293.

This registration identification number is issued with the understanding that your use of the registration number as provided in the regulations is considered a certification of compliance of all work performed. The issuance of this registration number is not an approval or endorsement by the Department of Transportation of qualifications or processes you have documented. In addition, a copy of your application, all supporting documentation and a copy of this registration must be retained and made available to DOT upon request.

Each registration must be renewed in accordance with Section 107.504 by submitting an up-to-date registration statement containing the information prescribed by Section 107.503. All submittals must reference the registration number noted above.

Sincerely,

James Enoch Jones

Chief, Approvals Program

Office of Hazardous Materials Exemptions and Approvals



ARKANSAS HIGHWAY POLICE

Arkansas State Highway and Transp www.arkansashighwaya.com

P.O. Box 2779 · Little Rock, Arkansas 7,2203-2779 · Telephone (501)569-2421 · FAX (501) 566-4921

ARKANSAS HAZARDOUS WASTE TRANSPORTATION PERMIT

CES Environmental Services, Inc. 4904 Griggs Road Houston, TX 77021

Permit No.

H-1339

p. 1

EPA ID No.

TXD008950461

Date Issued

8-19-06

ORDER AND PERMIT

It appearing that the above named carrier has met with all applicable provisions of the rules and regulations adopted by the Arkansas Highway Police under authority of the Arkansas Hazardous Waste Management Act, and therefore, is issued a permit from the Arkansas Highway Police to engage in the transportation of hazardous waste in and/or through the State of Arkansas, for a period of one (1) year.

The above said carrier is hereby issued this permit subject to such terms, conditions, and limitations as are now, or may hereafter be attached to the exercise of the privileges herein granted.

It is a condition of the permit that the holder shall comply with all rules and regulations of the Arkansas Highway Police and the laws of the State of Arkansas concerning the transportation of hazardous waste and operation of a motor vehicle over the highways of this State.

This permit does not confer any operating authority to said carrier and shall not be considered as such.

This permit shall terminate one (1) year from the date issued, but may be subject to renewal upon application of the carrier.

Entered this 15th day of August, 2006

Ronnie Burks, Chief

RKANSAS HIGHWAY POLICE

of pages ▶ / Post-it® Fax Note 7671

869392 TXD008950461-2157

Н

State of Tennessee

Department of Environment and Conservation Division of Solid Waste Management Hazardous Waste Program

401 Church Street, L & C Tower 5th Floor Nashville, TN 37243-1535

CJONES

D

📯 HAZARDOUS WASTE TRANSPORTER PERMIT 🗨



This Certifies That

CES ENVIRONMENTAL SERVICES INC

4904 GRIGGS RD

HOUSTON, TX USA

HAS BEEN GRANTED A PERMIT TO TRANSPORT HAZARDOUS WASTES THAT ORIGINATE IN THE STATE OF TENNESSEE AND / OR HAVE A TENNESSEE DESTINATION

PERMIT NUMBER: TXD008950461

EFFECTIVE DATE: November 22, 2004

EXPIRATION DATE: January 31, 2006

THIS PERMIT IS NOT TRANSFERABLE PERMIT EFFECTIVE UNTIL THE ABOVE EXPIRATION DATE UNLESS SUSPENDED.

REVOKED, OR VOLUNTARILY RESCINDED

SPECIAL INSTRUCTIONS:

- 1. AN ORIGINAL OR PHOTOCOPY OF THIS PERMIT MUST BE KEPT IN EACH TRANSPORT VEHICLE
- 2. GENERATORS OF HAZARDOUS WASTE IN THE STATE OF TENNESSEE ARE REQUIRED TO VERIFY THAT THE TRANSPORTERS TO WHOM THEY GIVE THEIR WASTE MUST HOLD A VALID TENNESSEE HAZARDOUS WASTE TRANSPORTER PERMIT. YOU ARE REQUIRED TO SHOW THIS DOCUMENT TO THEM UPON THEIR VERBAL REQUEST
- 3. REPORT SPILLS WITHIN THE STATE OF TENNESSEE IMMEDIATELY TO 1-800-262-3300 (THE TENNESSEE EMERGENCY MANAGEMENT AGENCY - T.E.M.A.)
- 4. THIS PERMIT SUPERCEDES ANY PREVIOUSLY ISSUED STATE OF TENNESSEE HAZARDOUS WASTE TRANSPORTER PERMIT. PREVIOUSLY ISSUED PERMITS, INCLUDING ORIGINALS, FACSIMILES AND PHOTOCOPIES SHOULD BE DESTROYED.

QUESTIONS REGARDING THE VALIDITY OF THIS PERMIT SHOULD BE ADDRESSED TO: State of Tennessee

> **Department of Environment and Conservation Division of Solid Waste Management** Waste Activity Audit - Attention Connie Jones 401 Church Street, 5th Floor Annex Nashville, TN 37243-1535

> PHONE: 615-532-0815 FAX: 615-532-0886

Maye

1/27/2005

Mike Apple, Director

Division of Solid Waste Management



U.S. Department of Transportation

Federal Motor Carrier Safety Administration

CES ENVIRONMENTAL SERVICES INC 4904 GRIGGS ROAD HOUSTON TX 77021

400 Seventh St., S.W. Washington, D.C. 20590

December 16, 2002

In reply refer to: Your USDOT No.: 869392 Review No.: 258575/CR

Dear Motor Carrier:

The motor carrier safety rating for your company is:

SATISFACTORY

This SATISFACTORY rating is the result of a review and evaluation of your safety fitness completed on December 11, 2002. A SATISFACTORY rating indicates that your company has adequate safety management controls in place to meet the safety fitness standard prescribed in 49 C.F.R. 385.5.

Please assure yourself that any specific deficiencies identified in the review report have been corrected. We appreciate your efforts toward promoting motor carrier safety throughout your company. If you have questions or require further information, please contact your local Federal Motor Carrier Safety Administration office listed below:

> U.S. DEPARTMENT OF TRANSPORTATION FEDERAL MOTOR CARRIER SAFETY ADMINISTRATION 300 EAST 8TH STREET, SUITE 865 AUSTIN, TX 78791 Telephone No.: 512-536-5980

> > Charles A. Horan, III

Director, Office of Enforcement

and Compliance



U.S. Department of Transportation
Federal Motor Carrier Safety Administration

400 Virginia Avenue, SW, Suite 600 Washington, DC 20024

SERVICE DATE July 16, 2001

CERTIFICATE

MC-400234-C CES ENVIRONMENTAL SERVICES INC HOUSTON, TX

This Certificate is evidence of the carrier's authority to engage in transportation as a common carrier of property (except household goods) by motor vehicle in interstate or foreign commerce.

This authority will be effective as long as the carrier maintains compliance with the requirements pertaining to insurance coverage for the protection of the public (49 CFR 387) and the designation of agents upon whom process may be served (49 CFR 366). The carrier shall also render reasonably continuous and adequate service to the public. Failure to maintain compliance will constitute sufficient grounds for revocation of this authority.

Terry Shelton, Director

Terry Shelton

Office of Data Analysis & Information Systems

NOTE: Willful and persistent noncompliance with applicable safety fitness regulations as evidenced by a DOT safety fitness rating of "Unsatisfactory" or by other indicators, could result in a proceeding requiring the holder of this certificate or permit to show cause why this authority should not be suspended or revoked.



400 Seventh St., S.W. Washington, D.C. 20590

APRIL 12, 2000

CES ENVIRONMENTAL SERVICES INC 3901 TRAILMOBILE DR HOUSTON TX 77013 713/676-1460

Dear Motor Carrier:

This letter is to notify you of your USDOT identification number and to draw your attention to the requirement for Marking of Commercial Motor Vehicles in section 390.21 of the Federal Motor Carrier Safety Regulations. A copy of this regulation is enclosed. Its primary purpose is to assist enforcement personnel in properly identifying motor carriers, thereby assuring the submission of accurate data to the U. S. Department of Transportation, Federal Motor Carrier Safety Administration. The number also affords the public a way to quickly and accurately identify a motor carrier operating a particular commercial motor vehicle.

If you are operating as a private motor carrier of property or passengers in interstate commerce, as a for-hire motor carrier of property in interstate commerce not subject to regulation by the former Interstate Commerce Commission, or as an interstate motor carrier of migrant workers, this regulation requires you to mark all of your "self-propelled motor vehicles" (generally straight trucks and truck tractors) in accordance with the enclosed.

The following USDOT identification number is assigned to the motor carrier identified above:

USDOT 869392

This letter is being sent to every motor carrier recently added to Federal Motor Carrier Safety Administration records. There has been no attempt to differentiate among private, migrant worker, for-hire, or other types of motor carriers because many carriers conduct operations in a combination of these classifications. If you have questions about compliance with this requirement, please contact the office shown below:

U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL MOTOR CARRIER SAFETY ADMINISTRATION
ROOM 8AOO FEDERAL BUILDING
819 TAYLOR STREET
FORT WORTH, TEXAS 76102
817 / 978-3225

UNITED STATES OF AMERICA DEPARTMENT OF TRANSPORTATION PIPELINE AND HAZARDOUS MATERIALS SAFETY ADMINISTRATION



HAZARDOUS MATERIALS CERTIFICATE OF REGISTRATION FOR REGISTRATION YEAR(S) 2006-2009

Registrant: CES ENVIRONMENTAL SERVICES INC

Attn: PRABHAKAR R. THANGUDU

4904 GRIGGS ROAD HOUSTON, TX 77021

This certifies that the registrant is registered with the U.S. Department of Transportation as required by 49 CFR Part 107, Subpart G.

This certificate is issued under the authority of 49 U.S.C. 5108. It is unlawful to alter or falsify this document.

Reg. No: 052506 550 089OQ Issued: 05/25/2006 Expires: 06/30/2009

Record Keeping Requirements for the Registration Program

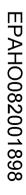
The following must be maintained at the principal place of business for a period of three years from the date of issuance of this Certificate of Registration:

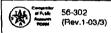
- (1) A copy of the registration statement filed with PHMSA; and
- (2) This Certificate of Registration

Each person subject to the registration requirement must furnish that person's Certificate of Registration (or a copy) and all other records and information pertaining to the information contained in the registration statement to an authorized representative or special agent of the U. S. Department of Transportation upon request.

Each motor carrier (private or for-hire) and each vessel operator subject to the registration requirement must keep a copy of the current Certificate of Registration or another document bearing the registration number identified as the "U.S. DOT Hazmat Reg. No." in each truck and truck tractor or vessel (trailers and semi-trailers not included) used to transport hazardous materials subject to the registration requirement. The Certificate of Registration or document bearing the registration number must be made available, upon request, to enforcement personnel.

For information, contact the Hazardous Materials Registration Manager, DHM-60, Pipeline and Hazardous Materials Safety Administration, U.S. Department of Transportation, 400 Seventh Street, SW, Washington, DC 20590, telephone (202) 366-4109.





TEXAS INTERNATIONAL FUEL TAX AGREEMENT LICENSE

This license is issued under the terms of the International Fuel Tax Agreement and is valid for vehicles operated by the licensee in all IFTA jurisdictions.

THIS LICENSE IS NON-TRANSFERABLE

Taxpayer name and mailing address

CES ENVIRONMENTAL SERVICES INC 4904 GRIGGS RD HOUSTON TX 77021-3208

License year	2006	
IFTA license nur	TX76059298514	
Effective date	01/01/2006	, , , , , , , , , , , , , , , , , , ,
Expiration date	12/31/2006	
Texas taxpayer i	1-76-0592985-4	

Carole Keeton Strayborn

CAROLE KEETON STRAYHORN

Comptroller of Public Accounts



REGISTRATION RECEIPT - Truck

TX Dept. of Transportation Post Office Box 12984 Austin, TX 78711-2984 (800) 299-1700

In accordance with Public Law 104-88, this receipt (evidencing compliance with FHWA registration regulations) must be carried in the vehicle cab and may not be altered. Alteration will result in confiscation and penalties.

ICC Nbr: MC 400234

CES ENVIRONMENTAL SERVICES INC.

4904 GRIGGS ROAD HOUSTON, TX 77021 Print Date: 10/11/2005

Effective: 01/01/2006 Expires: 12/31/2006

Receipt No: TRM263071 (Initial Order)

This receipt authorizes this motor carrier to operate in the following states:

********, AR (00016), KS (00016), LA (00016), NM (00016), OK (00016), TN (00016), ********

Form RS-3

Mail to:

CES ENVIRONMENTAL SERVICES INC. 4904 GRIGGS ROAD HOUSTON, TX 77021

CITY OF HOUSTON

Solid Waste Management Department

PO Box 1562, Houston, Texas 77251-1562 611 Walker St 12th Fl, Houston, Texas 77002 713-837-9159 (Voice) / 713-837-9125 (Fax)

Customer

Permit Number 04104589/3493928

Service Address

Mail to Address

CES ENVIRONMENTAL SERVICES INC 4904 GRIGGS RD HOUSTON, TX 77021

CES ENVIRONMENTAL SERBICES INC 4904 GRIGGS RD HOUSTON, TX 77021

COMBUSTIBLE WASTE STORAGE PERMIT

This permit applies only to properly lo ated within the jurisdiction of the City of Houston, Texas.

This permit is restricted to the property listed above and must be clearly posted at that location.

This permit applies only to the type of activity noted above, other permits may be required for other activities.

Be it understood that if the person (listed above) who cotained this permit ceases to have control over the indicated property this permit shall become invalid. A new permit will be required that shows the person who has control over the property

This permit was issued and is valid between the dates shown below unless revoked for violation of the terms of conditions under which approval was made

The issuance of this permit does not constitute approval by the City of Houston for the violation of any deed restriction, or any city state and federal laws, regulations or ordinances. Each holder and/or person acting under the authority of this permit is personally responsible for complying with deed restrictions and city state, and federal laws relating to the activity contemplated by this permit.

Inception Date: 20-JAN-2005

No. of Storage Units on Site: (Two)

Expiration Date: 20-JAN-2007



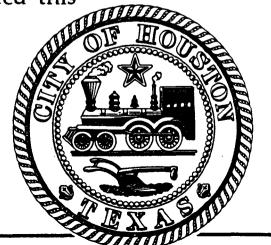


in the name and by the authority of

Name of Establishment	CES ENVIRONM	ENTAL SERVICE, INC.	
4904 GF	RIGGS RD	HOUSTON, TX	77021

In conformity with the Statutes of the State of Texas, the Ordinances of the City of Houston, and the regulations of the Public Health Department, is granted this

City/TNRCC Registration No.:	84887	(TRAP #B))	Issued Date 7/11/2002
Waste Capacity (measured):		gallons	
RE Jungin	Zm		
Han Bamun	Dan B	الاعوام بالمراوي الاست	



CITY OF HOUSTON DEPARTMENT OF HEALTH AND HUMAN SERVICES ENVIRONMENTAL HEALTH DIVISION

OPERATING PERMIT

For the Transportation and Biological Pretreatment of Special Waste Within the Territorial Jurisdiction of the City of Houston, Texas

This is to certify that a permit is hereby issued to:

CES ENVIRONMENTAL SERVICES,INC	(713)676-1460
Name of form, Corporation or individual	Telephone No
4904 GRIGGS RD. HOUSTON TX 77021	
Address	
for the transportation of industrial and/or special wast provisions set forth in Ordinance No. 47-411-47-600,	
MATT BOWMAN	
Name and title of principal officer	
4904 GRIGGS HOUSTON TX 77021	
Address	
Type of Waste to be Transported :	
Class A - Septic Tank ()	
Class B - Grease Trap (); Portable To	oilet();Sewage Sludge()
Class C - Industrial/Nonhazardou (V) Lis	st avrit, lint
- Biological Pretreatmen ()	J.,
Permit Valid until January 31, 2007	40.
Financial Responsibility:	Section Chief, Special Waste.
TEXAS MUTUAL INS. CO.	1/9/2006
ssued by	Date
4/26/2006	
Expiration Date	Form

CITY OF HOUSTON

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING WASTEWATER OPERATIONS INDUSTRIAL WASTEWATER SERVICE

Permit No. 6806

10500 BELLAIRE BLVD. HOUSTON, TEXAS 77072 PHONE: (281) 575-2800

Authorization to discharge under the City of Houston Industrial Waste Ordinance Chapter 47; Article V:

CES ENVIRONMENTAL SERVICES 4904 GRIGGS ROAD HOUSTON, TX 77021

is authorized to discharge into the City's collection system raw liquid waste in accordance with effluent limitations, monitoring requirements and other conditions set forth in this permit at the following location:

4904 GRIGGS ROAD, HOUSTON, TX 77021

Regulated Waste Offsite Disposal: Yes EPA Categorical Limits Applicable: No

Significant Industrial User: Yes

Pretreatment:

Yes

Category:

TRANSPORTATION EQUIPMENT CLEANING

Product/Service:

PETROCHEMICAL TRANSPORTATION

SIC Code No. (s):

4212

Key Map No.:

534-J

Sewer Map No.: 1604B

Treatment Plant:

SIMS SOUTH

Special Provisions:

No

This permit shall become effective on 01/14/2005 and the authorization to discharge shall expire at midnight 01/14/2007.

Signed this 5 day of January 2005

yea In: the

Clyde Smith

Assistant Operations Manager, Pretreatment Program Enforcement Group

CITY OF HOUSTON

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
WASTEWATER OPERATIONS
INDUSTRIAL WASTEWATER SERVICE

Permit No. 9558

10500 BELLAIRE BLVD. HOUSTON, TEXAS 77072 PHONE: (281) 575-2800

Authorization to discharge under the City of Houston Industrial Waste Ordinance Chapter 47; Article V:

CES ENVIRONMENTAL SERVICES, INC.*
4904 GRIGGS ROAD
HOUSTON, TX 77021

is authorized to discharge into the City's collection system raw liquid waste in accordance with effluent limitations, monitoring requirements and other conditions set forth in this permit at the following location:

4904 GRIGGS ROAD, HOUSTON, TX 77021

Regulated Waste Offsite Disposal: Yes EPA Categorical Limits Applicable: Yes

Significant Industrial User: Yes

Pretreatment:

Yes

Category:

DISPOSAL SITE FOR WASTEWATER FROM TREATED OR

UNTREATED TRUCKED IN WASTE

Product/Service:

NON-HAZARDOUS WASTE RECEIVING & TRANSFER

FACILITY WASTEWATER TREATMENT AND

DISPOSAL SITE

NAICS Code(s):

562219

Key Map No.:

534-J

Sewer Map No.: 1604B

Treatment Plant:

SIMS SOUTH

Special Provisions:

No

This permit shall become effective on 12/14/2005 and the authorization to discharge shall expire at midnight 12/14/2007.

Signed this 14 day of December 2005

Clyde Smith

Environmental Investigator IV

City of Houston Pretreatment Program



Direction des services à la clientèle et des communications

Montréal, le 27 juillet 2006

CES ENVIRONMENTAL SERVICES, INC. 4904, Griggs Road Houston, Texas,77021 (États-Unis)

NUMÉRO D'IDENTIFICATION AU REGISTRE (NIR): R-581178-2 COTE DE SÉCURITÉ: Satisfaisant HEURE D'INSCRIPTION AU REGISTRE: 17 h 00

OBJET: Inscription au Registre des propriétaires et exploitants de véhicules lourds

Nous vous confirmons votre inscription au Registre des propriétaires et des exploitants de véhicules lourds et vous confirmons également que vous êtes autorisé à mettre en circulation ou à exploiter un véhicule lourd sur un chemin ouvert à la circulation publique. Le numéro d'identification au Registre (NIR) et la cote de sécurité qui vous ont été attribués sont indiqués ci-dessus.

Lorsque requis, la Commission vous transmettra un formulaire qui vous servira à mettre à jour les renseignements que vous nous avez fournis lors de votre inscription.

Les exploitants qui effectuent du transport extra-provincial devraient, lorsqu'ils circulent ailleurs au Canada, conserver dans leur véhicule un document attestant leur inscription au Québec, afin de le présenter au besoin lors d'un contrôle routier. Pour obtenir gratuitement cette attestation, accédez au site www.ctq.gouv.qc.ca et choisissez l'option vous permettant de consulter votre cote de sécurité; vous pourrez alors imprimer une fiche attestant de votre inscription. Si vous n'avez pas accès à Internet, vous pouvez communiquer avec notre Service à la clientèle au numéro de téléphone indiqué ci-dessous.

Si vous désirez obtenir des renseignements supplémentaires à ce sujet, vous pouvez joindre notre Service à la clientèle en mentionnant votre numéro d'identification au registre (NIR).

MF4

Québec 200, Chemin Sainte-Foy, 7e étage Québec (Québec) H2M 2V1 Téléphone: 1 888 461-2433 Télécopieur: (418)644-8034 www.ctg.gouv.gc.ca Montréal 545, boul. Crémazie Est, burcan 1000, 10c étage, Montréal (Québec) H2M 2V1 Téléphone: 1 888 461-2433 Télécopieur: (514)873-4720



CES ENVIRONMENTAL SERVICES, INC. 4904, GRIGGS RD HOUSTON, TX 77021

R-581178-2

Effective Date: 27-Jul-06

Due to recent changes within the Quebec Provincial Government, all correspondences to registered companies must be sent in the French language. We as your Process Agent in the Province are pleased to provide you with the English translation. We at Permax strive to provide our customers with the most accurate and up to date information. If however there should be a difference in the contents between the English and French versions, the French version is the one that takes precedence.

NOTICE OF REGISTRATION IN THE REGISTRE DES PROPRIETAIRES ET DES EXPLOITANTS DE VEHICULES LOURDE

Following your application, we confirm your registration in the Register of owners and operators of heavy vehicles. Your register identification number (NIR/RIN) and the rating assigned to you are indicated above.

The Commission will transmit a form to you once a year. This form will serve to Update the information you provided to us at the time of you registration.

The Act which concerns owners and operators of heavy vehicles requires that you inform the Commission des Transports, within 30 days of the change, of any change in your name and address and, as the case may be, in the names and addresses of your directors.

If you wish to obtain additional information on this matter, you can contact our Customer Service, mentioning your Registration Identification Number (NIR/RIN)

If you have any questions or concerns, please do not hesitate to contact our office.

CES Environmental Services, Inc.

Safety Policies and Procedures Manual

CES ENVIRONMENTAL SERVICES Manual (Revised)

CES ENVIRONMENTAL SERVICES, INC.

PERSONNEL TRAINING PLAN FOR INDUSTRIAL SOLID WASTE PERMIT NO. 39048

MARCH 2005 (Revised June 05)

Spill Prevention Control and Countermeasure Plan

For

CES Environmental Services, Inc 4904 Griggs Road Houston, Texas 77021

Original Plan Date - March 14, 2002

Designated person accountable for spill prevention:

Matt Bowman – President Sean Easton – Vice President

Certification

I hereby certify that I have examined the facility, and being familiar with the provisions of 40 CFR § 112, attest that this SPCC Plan has been prepared in accordance with good engineering practices.

Engineer: (ARK lafe lafe) 139 A	_
Signature:	_
Registration Number: 77256	
State: TEXA3	- .
Date: 3-17-04	-

ONL WILSON III

77256

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CONT

CES Environmental Services, Inc. 4904 Griggs Road Houston, Texas 77021 (713) 676-1460

SPILL PREVENTION CONTROL AND COUNTERMEASURE COMPLIANCE INSPECTION PLAN REVIEW PAGE

In accordance with 40 CFR § 112.5(b), a review and evaluation of this SPCC Plan is conducted at least once every 3 years. As a result of this review and evaluation, CES Environmental Services, Inc. (CES) will amend the SPCC Plan within 6 months of the review to include more effective prevention and control technology if: (1) such technology will significantly reduce the likelihood of a spill event from the facility, and (2) if such technology has been field-proven at the time of review. Any amendment to the SPCC Plan shall be certified by a Professional Engineer within 6 months after a change in the facility design, construction, operation, or maintenance occurs which materially affects the facility's potential for the discharge of oil into or upon the navigable waters of the United States or adjoining shorelines.

Review Dates	Signature
July 1, 2005	Clark Huch
July 1, 2008	
July 1, 2011	
July 1, 2014	

^{*} SPCC Plan amended and certified by a Registered Professional Engineer per 40 CFR § 112.3(d).

MANAGEMENT APPROVAL

CES is committed to the prevention of discharges of oil to navigable waters and the environment, and maintains the highest standards for SPCC through regular review, updating and implementation of this SPCC Plan for the facility at 4904 Griggs Road in Houston, Texas.

FACILITY REPRESENTATIVE

SPCC Plan:disk11

CONTINGENCY/EMERGENCY RESPONSE PLAN

FOR PROCEDURES IN THE EVENT OF AN EMERGENCY

CES ENVIRONMENTAL SERVICES, INC.

4904 Griggs Rd.

HOUSTON, TX 77021

TELEPHONE: (713) 676-1460

TXD008950461

June 24, 2002

CES ENVIRONMENTAL SERVICES, INC.

SECURITY PLAN FOR INDUSTRIAL SOLID WASTE PERMIT NO. 39048

MARCH 2005

DATE (MM/DD/YYYY) CERTIFICATE OF LIABILITY INSURANCE ACORD OPID SJ CESEN-1 12/28/05 PRODUCER THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR Insurance Alliance 1776 Yorktown, #200 ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. Houston TX 77056 Phone: 713-966-1776 Fax:713-966-1700 **INSURERS AFFORDING COVERAGE** NAIC # INSURED INSURER A: American International Group INSURER B: Texas Mutual Ins Co INSURER C: CES Environmental Services, Inc 4904 Griggs Road Houston TX 77021 Great American Insurance Co INSURER D INSURER E **COVERAGES**

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSA V LTR II	ADD'L NSRD TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS		
A	GENERAL LIABILITY X COMMERCIAL GENERAL LIABILITY CLAIMS MADE X OCCUR	1370815	12/11/05	12/11/06	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurence) MED EXP (Any one person)	\$1,000,000 \$100,000 \$10,000	
A	X Professional Liab GEN'L AGGREGATE LIMIT APPLIES PER:	1370815	12/11/05	12/11/06	PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	\$ 1,000,000 \$ 2,000,000 \$ 2,000,000	
A	POLICY PRO- AUTOMOBILE LIABILITY X ANY AUTO ALL OWNED AUTOS	1955090	12/11/05	12/11/06	COMBINED SINGLE LIMIT (Ea accident)	s 1,000,000	
	SCHEDULED AUTOS HIRED AUTOS NON-OWNED AUTOS				(Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	s	
	GARAGE LIABILITY ANY AUTO					\$ \$ \$	
A	EXCESS/UMBRELLA LIABILITY X OCCUR CLAIMS MADE DEDUCTIBLE X RETENTION \$10.000	0791172	12/11/05	12/11/06	EACH OCCURRENCE AGGREGATE	\$ 5,000,000 \$ 5,000,000 \$ \$	
В	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below	TSF0001086044	01/25/05	01/25/06	X TORY LIMITS OTH- E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT		
C A	OTHER Motor Truck Cargo Pollution/on/off	IMP 6758691 PLS1423904	12/11/05 04/26/05		Veh/Loss Per Claim	10000/10000	

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS
Additional Insured (Except Workers Compensation) and Waiver of Subrogation
are included in favor of the certificate holder, as required by written
contract

SAMPLE1

CERTIFICATE HOLDER	CANCELLATION	

Sample Certificate for information purposes only

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVY. Berge

© ACORD CORPORATION 1988

ACORD 25 (2001/08)

Spill Prevention Control and Countermeasure Compliance Inspection Plan Review Page

In accordance with 40 CFR § 112.5 (b), a review and evaluation of this SPCC plan is conducted at least once every three years. As a result of this review and evaluation, CES Environmental Services will amend the SPCC Plan within six months of the review to include more effective prevention and control technology if: (1) such technology will significantly reduce the likelihood of a spill event from the facility, and (2) if such technology has been field-proven at the time of review. Any amendment to the SPCC Plan shall be certified by a Professional Engineer within six months after a change in the facility design, construction, operation, or maintenance occurs which materially affects the facility's potential for the discharge of oil into or upon the navigable waters of the United States or adjoining shorelines.

···
_

MANAGEMENT APPROVAL

CES Environmental Services is committed to the prevention of discharges of oil to navigable waters and the environment, and maintains the highest standards for spill prevention control and countermeasures through regular review, updating and implementation of this Spill Prevention Control and Countermeasures Plan for the facility located at 4904 Griggs Road in Houston, Texas.

Facility Representative: Sean Easton
Title: Vice President

Signature:

SPCC Plan

^{*} SPCC Plan amended and certified by a Registered Professional Engineer per 40 CFR § 112.3 (d).

Storm Water Pollution Prevention Plan For TPDES Multi-Sector General Permit CES Environmental Services, Inc Houston, Harris County, Texas

Prepared for

CES Environmental Services, Inc. 4904 Griggs Road Houston, Texas 77021

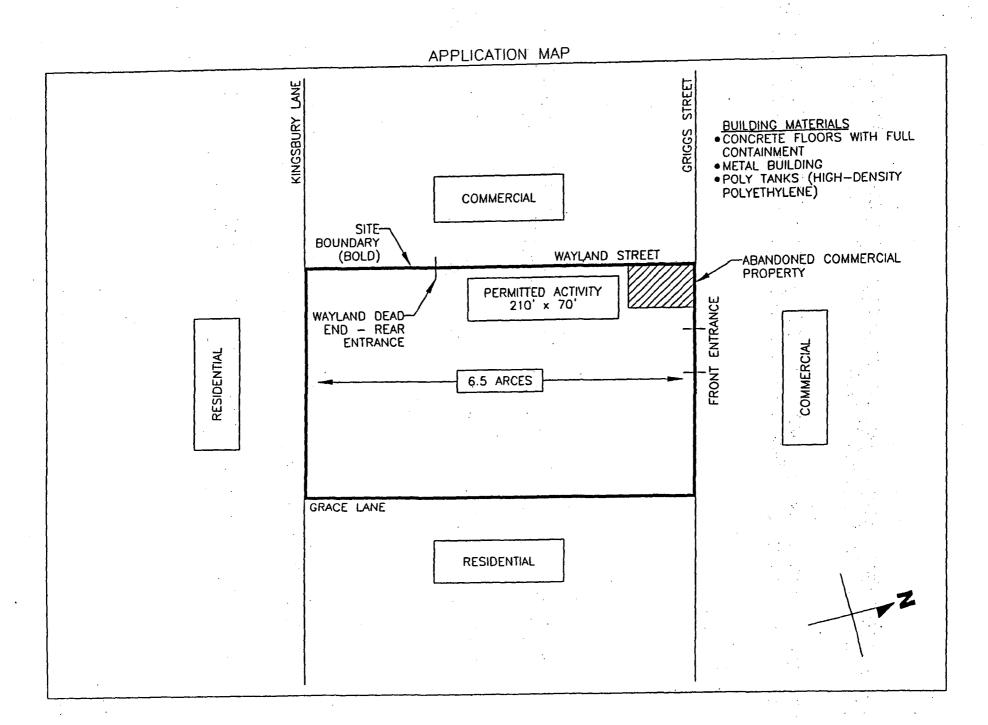
> Sean Easten Vice President

Lacy Lamb Consultant

November 12, 2003

CES ENVIRONMENTAL SERVICES, INC 4904 GRIGGS ROAD HOUSTON, TEXAS 77021 (713) 676-1460

ATTACHMENT B FACILITY MAP



ATTACHMENT F.8

GROUND AND SURFACE WATER PROTECTION UNIT PLAN

Ground and Surface Water Protection Plan

All permitted activities will take place under cover. There will be minimal exposure to storm water or surface water. Any surface water run-off that reaches the permitted locations on the property will be pumped out with a vacuum truck and stored on-site in the wastewater holding tank. The material will then be shipped off-site to a permitted TSDF. Storm water reaching any of the non-permitted portions of the property will be discharged to the City of Houston Municipal Separate Storm water Sewer System. This water will be protected by an on-site storm water pollution prevention plan that is a part of CES Environmental Services Contingency Plan.

Closure Plan

Due to the nature of the facility as a bulking facility; closure activities will be minimal in comparison to a landfill or surface impoundment. In the event that the Texas Commission on Environmental Quality was in the position to perform the closure of this facility, the agency would conduct the normal public notification and consultant hiring procedures.

The equipment necessary to cleanup the facility in the event of closure will be a drum truck, a roll-off truck, a vacuum truck and forklifts. All structures at the facility are permanent and would require no dismantling. A forklift will be needed to load any remaining drummed waste at the facility. Material already processed in roll-off containers will need to be sampled.

This facility will only be taking non-hazardous materials, however, the consultants should sample the roll-off boxes and wastewater tanks to ensure there is not a more effective method to treat and dispose of the material. Materials will then be loaded on a roll-off truck and/or vacuum truck for transportation. All material taken into the facility will be a non-hazardous solid; therefore, all material could be taken to the landfill.

Any liquid remaining in the 6,500-gallon holding tank will be shipped via vacuum truck to an approved treatment, storage and disposal facility.

CES ENVIRONMENTAL SERVICES, INC.

GENERAL INSPECTION REQUIREMENTS FOR INDUSTRIAL SOLID WASTE PERMIT 39048

MARCH 2005

Time Line of Events

06/2005 - 2 semi trucks stolen from CES property during busiest time of year

06/20/06- Mark Smith Hired as CES Employee

- a. Mark on the cover picture of article about odors from Channel 13 news
- b. ABC article also states 153 complaints since September 2006- Mark hired June 2006.
- c. Mark has done prison time for many crimes including murder, etc.- CES gave him an opportunity to have a good job and he fooled us into thinking he is now a religious, changed man.

07/2007- Semi truck stolen from employee's home- again stolen during the busiest time of year.

Note: all 3 trucks were stolen and found at the same lot off East Hardy and called in by the same person in both 2005 and 2007 thefts. These trucks are new Peterbilts worth in excess of \$100,000 each.

08/2006- 5 expensive plant bikes stolen at night and stolen in a manner that could not be viewed by our security cameras.

- a. Because the bikes were stolen the day after purchase and assembly, no serial number were obtained, but was on the agenda for the following day.
- b. Brian Weathers purchased an identical, new bike from a pawn shop down the street.
- c. Police were told about this and did nothing because we didn't have serial numbers yet.

6/25/08- Karl Guidry files suit on AES after over a year from his departure from the company

- a. Karl left AES voluntarily for higher pay
- b. By his own admission, he left AES with lots of money in retirement

6/27/08- Sebastian McCrimmons and Chris Jiles (Black Panther Member) file EEOC Complains on CES 06/27/08- 02/2009- 8 EEOC cases filed against CES which have been combined into 1 legal case.

a. 1999-6/27/08- no EEOC complaints against CES

04/2008-11/2008- Substantial spills mysteriously appeared on the CES yard exactly at the same time when customers were scheduled to audit CES for approval to do business with our company. Additionally, City inspectors or TCEQ showed up 5 min before or after audits were scheduled (PPG, Waste Management, and several others). Usually only the managers were privy to these dates. Karl was always asked to be available for these audits for HSE reasons. This happened at least 5 times and we know that Gregory Lawrence and Mark Smith were involved at least once apiece. In fact, in one instance we know that Mark made the spill and then called Naomi (from the BACQ) at 6 am in the morning and came out immediately. We believe she was corroborating with Mark Smith and this was

verified in a meeting we had with the City and brought up and said turned bright red in the face (although we did not mention her by name).

06/2008- Manager at Shell station claims Mrs. Jones said "I don't want those white boys in our hood, this is ours". This manager can testify to the problems this organization has caused us.

06/2008- Greg Bowman meets with Mrs. Jones next door as she is one of the leaders of the neighbors who were against us. She asks "Make me an offer, and I can make all this all go away".

07/20/2008- Mark Smith terminated for intentionally causing spills, taking pictures, and calling the city about the spills he caused. Phone records show he used his CES phone to call the COH investigator (Naomi).

06/2008-12/2008- City of Houston harasses CES with false odor claims (literally hundreds only a few of which were legitimate), daily sampling of water to look for discharge violations. They

- a. In most cases the inspectors would come out, not find any odor, and give us an NOV anyway. In one instance I drove by Mark Shatt's house (the architect next door) and caught Leonardo Desussa (from the BACQ) taking fire code information. When questioned why someone from the BACQ was dealing with fire code issues, Mr. Desussa fled the scene. Mr. Desussa has been overly aggressive and interested in this case.
- b. Concerning wastewater discharge, The City usually tests facilities like ours on wastewater issues only 1-2 times/quarter. Bob Hunt, the former wastewater director for COH, was basically told to give City attorneys stuff to make a case against us even though he did not wish to do this. Bob recognized that CES is a good an honest company and was being strongly pressured politically.
- c. Violations from the city decreased drastically after the city had to notify CES prior to taking sample and CES began taking a split sample because we felt that the samples were being tampered with or showing false positives. Or someone was contaminating them.
- d. When questioned why one water inspector was testing just downstream from our test point he said he was told to do it by his supervisors because CES is a bad and dishonest company and cannot be trusted.

11/2008-02/2009- CES was inspected 50-100 times by the BACQ, and audited by 5 people from the TCEQ, 10 people from the EPA, OSHA, COH Fire Marshalls several times, many times by code inspectors.

Note: This harassment was prior to any below legal cases were filed.

- a. These audits found some issues but by no means enough to give cause for the COH to sue CES and force a shut down injunction against CES.
- b. TCEQ inspectors were inspecting our tiny Houston facility for 5 days despite our tiny size. ...this was an unannounced multimedia inspection. This is extremely unusual and

they admitted they were pushed by COH to do this. One inspector should be questioned as she took an especially high interest in the case and went out of her way to find violations (Sharari Rafati). In one instance she even called OSHA and made sure she was at CES to meet the lady when she showed up...this is extremely unusual!

- c. In at least one case, City inspectors from BACQ told a customer that were a bad company and that we were breaking all kinds of laws.
- d. EPA sent 10 people for an inspection only about 6 weeks after the TCEQ inspection.

 They were here for 3-4 days. This is very unusual and we are certain COH caused this.
- e. Fire inspectors were sent out. When one did not find anything, they would send another, then another, etc.
- f. Building code inspectors were sent out and when they found something, they would send another to find more, etc., etc.

12/06/08- Thermal Oxidizer over pressurizes making loud boom

a. This event was very likely an equipment malfunction and not tampering.

12/16/08- Carbon scrubber over pressurized and blew off the lid throwing carbon and metal pieces out.

- a. News crews arrive within a min or 2 and before fire department
- b. We think this was tampering with equipment and set us up.
 -It just so happened during a MANDITORY meeting in the middle of the work day. This meeting was held more than 1 acre away from unit and all employees were required to attend. Nothing remotely flammable was being process through this unit due to the previous incident. Believe it was triggered to go off then so as not to cause injury.
 -This is the event which galvanized the press and the city to take action against us. It was not as big an issue as the oxidizer. The oxidizer occurrence alone was not going to cause the city to take action and got little press time.

12/18/008- Neighbors on Grace lane and the construction company with unfinished units on the other side of CES both file multimillion dollar lawsuits against CES. (2 separate suits)

a. Mr. Hall, an ex city of Houston attorney takes the case pro bono. We are certain there was illegal contact between him and City attorneys during this time. We believe Karl was passing the information either directly through him or Quannel X.

12/19/08- Joey Sutter dies in Port Arthur plant

- a. Girlfriend said he looked sick that morning and begged him not to go to work
- b. Witness (Suzzie) said Joey didn't look good after climbing the trailer ladder.
- c. Witness (Suzzie) caught Joey before he opened the dome lid, was wearing a H2S monitor.

Suzzie's monitor set at 10 PPM for H2S was not going off. She was less than 3 feet from him.

d. See other attached information about tainted autopsy report.

Week of 12/22/2009- Karl Guidry has extensive talk with Judge Gillam for several hours.

a. Just prior to this talk with the Judge, Ricky Brennan (African American), made claim that the dome lid was open when Joey was on top of the trailer.

Note: Suzzie was the only witness and only one around during the occurrence. Also, Ricky Brannon was at lunch when the incident occurred. It is plausible that Karl asked Ricky to say this so he could tell Judge Gillam that the dome lid was open so he could say that is what Ricky told him.

- b. After Karl met with Judge Gillam, Karl told Dan Bowman "This is a judge I can work with"
- c. Judge Gillam has multiple law suits himself in Jefferson County dating back to 1993 and almost 1 per year afterword.

Last Week of December 2008- Front door of CES left open for Quanell X to barge into with neighbors for channel 39 media.

a. The night before Dan Bowman witnessed Karl and Ricky talking quietly in a vacant office. Karl asked Dan to come to his office to show him something on his computer. After leaving Karl's office Dan saw Ricky Brannon messing with the front door. Dan asked him why he was messing with the front door but didn't think it was necessary. Dan went back to his office to finish a document and Ricky sat up front until he left. He followed behind Dan until he left. The next day, Quanell X comes through the front door which is ALWAYS LOCK-ALL THE TIME.

12/30/08- City of Houston presses charges for nuisance violations and tries to get CES to agree to emit emissions below ambient levels in order to operate.

1/12/09- CES pays 109,000 to city of Houston to avoid more litigation cost, time, and effort. This settles the above case. City affectively extorts this money from CES. Talk with Matt Bowman about this and why they all of a sudden tried to settle with us.

01/06/2009- Ricky makes affidavit that EEOC case lawyer Melissa Moore offered him \$10,000 to arrange a meeting with Joey Sutter's parents. This affidavit was made to Karl Guidry, but the damage has been done in the press and may have influenced the autopsy report on Joey. This affidavit was kept confidential at CES.

2/11/09- We believe that Anthony (African American) fired shots on CES- Houston premises claiming he had been fired at by 2 African Americans who had climbed the fence and fired on him.

2/13/09- Karl Guidry laid off for financial downsizing. Several others of various races were also released for these reasons.

02/13/09- Counterfeit Checks begin dated 2/13/09

a. No action has been taken by COH police dept. Over \$20,000 total in counterfeit checks.

2/20/09- More Counterfeit Checks (following Friday)

Week of 04/04/09- Karl Guidry seen leaving Grace lane (Street where most of the people filing claims against CES live) and spoke with Loren Thomas and Joe Carrillo

- a. Claimed he was helping the neighbors out with "their problems"
- b. The people on Grace lane are trying to sue CES for over 30 million
- c. Asked Loren "Did you get your occupancy permits yet". Seemed surprised that it got done and approved. Permits were part of the settlement between CES and the City.

03/2009- Present- City visits by inspectors, officials, air quality, etc. decrease drastically since the departure of Karl.

A. 04/14/09- CES gets a mysterious call from unknown source and phone number stating that the Houston Lawyers are involved with Port Arthur and might be paying folks off to do things that favor their cases. Talk with Greg Bowman about this call.

- B. 04/14/09- Brent Sittig has heart attack at plant and dies
 - a. On the cell phone with another employee asking "what does a heart attack feel like?"
 - b. I am sure the autopsy report will show it was work related as the first one did.
 - c. See other attached documentation.

04/14/09- Judge Gilliam shows up at Port Arthur site after Brent's death threatening Suzzie to tell the truth about the dome lid. He was witnessed their by Bo Cumberland, Steve Stricker, Suzzie.

a. Our attorneys later called the Judge and asked why he was there- He claimed he never went out there. We have several witnesses who claim he was and talked to them inquiring more about Joey Sutter.

02/2009-05/2009- Judge Gillam calls Suzzie on several occasions at her house to try to get her to change her story. "Tell the truth, I know the dome lid was open".

04/15/09- OSHA investigator gives Suzzie 24 hours to state that the dome lid was actually open when Joey Sutter passed out after climbing the trailer ladder.

05/11/09- Autopsy report released showing H2S as cause of death in Joey Sutter case based off 1 finding from a vial of blood 2 ½ months old. SEE ATTACHMENTS

- a. This test is not accurate after the first week as sulfides build up in body and body fluids during natural decomposition.
- b. See attached material

04/30/2009- Letter with no return address goes out to CES customers labeled Crime Report

- a. Letter lists CES first on list of companies and clearly the target.
- b. Karl told Dan Bowman in Feb 2009 that a letter of crime report would be the "next step", but it will show my name with a C instead of a K.
- c. Other companies on there were mentioned to through people off.

5/07/09- Anissa Write receives 2 sexually explicit phone calls on her CES CELL PHONE between 6:30 and 7:00. Her old number was 832-283-0831.

5/2009- Person tries to slip past the guard while distracting our security personnel.- May not be related to NUBF.

5/11/09- Judge Gillam and Port Arthur City Council member Beard make public statement that they would like to shut the plant down.

5/14/09 – Anissa Write receives 2 more sexually explicit phone calls on her CES CELL PHONE between 8-8:30. Someone threw a screw at her from Grace lane as she was leaving CES from work.

- a. Anissa has since changed her number.
- b. Believe this is because 1) she has been working on the EEOC cases. 2) because she is African American and a member of CES management. This doesn't help the EEOC cases in favor of plaintiff. Maybe a tactic to scare her off or get her to quit because CES has 4 African American members of management.

5/19/09- Port Arthur City Council has a closed meeting to consider legal action against CES.

- a. None of the investigations and findings are complete from OSHA.
- b. Autopsy report on Brent not complete.
- c. Autopsy on Joey Sutter has numerous inaccuracies.
- d. Confusing why a city would want to push forward legal action without having complete information and before investigations and autopsy reports came back.

5/21/09- a fraudulent call to the Port Arthur Health Department was made complaining of a horrible odor and possibly another death.

Note: CES was not processing anything this day.

Theories on parties involved and possible motives- These are only our suspicions and may not all prove to be true.

*****Karl Guidry-

- -Believe him to be a racist against whites.
- -Extremely deceiving individual who has extensive knowledge of law. He may have worked in a law office in the past. Probably knows the attorneys that represent the neighbors filing claims against CES. When you first meet him, he comes across like a religious, smart, family orientated, black man. However, he is extremely deceitful- Don't let him fool you. We caught him at his girlfriend's house during work hours (easy to hide from wife during working hours). Many of the issues that came up were in his job description to handle. Unfortunately, he was also our spokes person to our neighbors when they had problems. Don't think he ever worked in our favor. Also, he was put in charge of handling activities with the city- this may explain why we had so much problem with the city after he was hired. Also unfortunately, because his extensive knowledge of law, he was used to consult in legal matters often appearing to work in the company's favor. However, we believe he was sharing information with the opposition. If backed in a corner I am sure he would say he was whistle blowing. Believe he actually caused most of the major events or coordinated them, but would be hard to prove.

 -Has lots of connections with City of Houston departments and officials. Including those in the Police department, sheriff's department, fire department, and most likely has contact with city council members as well as lawyer friends. This may be why the police have never helped us here in Houston.
- -Believe he used 2 CES employees to do his dirty work at CES-Mainly-Mark Smith and then Ricky Brannon. Believe he gave them instruction on what to do- Cause spills, make accusations, cause unrest, contact news, city officials, make complaints, etc. These individuals are ex-cons and could be quickly discounted by him if they got caught and told on him. In other words-who are you going to believe them or Karl.
- -Think he fed the fire by telling and or lying to individuals about what they make vs others as he had access to and kept employee files.
- -This individual is most likely active in or a silent member of National United Black Front.
- -If he is a silent member they would use him to make campaign donations to possibly Sheila Jackson, Al <u>Green</u>, Houston city council members, etc. Maybe to get their support for activities that would help his legal cases.
- **Note- According to the Affidavit from Ricky Brannon- Al Green was at a NUBF meeting with Quanell X. (See Attachment).
- **Also note this affidavit was taken privately by KARL GUIDRY.

We also believe he has contact with Quanell X and Mr. Hill.

- -More than likely knew the person who fraudulently made the checks. Although I don't think it was him, he knew who he gave his check to make these. He would be smart enough to make sure the checks were given to random individuals-maybe not. Think this was done not for his profit, but to damage CES.
- -Said he has family in Louisiana in law enforcement that has access to FBI records on individuals.

Karl Cont.

He would most likely collect his payments on legal cases via his small companies. Or by similar means that Quanell X uses. These would most likely look like legal transactions. These moneys might possibly even be funneled by churches active in the movement for services his companies provided them-maybe with one of small companies.

- -May have made some kind of offer to Judge Gillam as both Karl and the Judge have filed discrimination lawsuits. Think he intentionally did a poor job on the investigation report for Joey Sutter's fatality. Also believe he told Judge Gillam things off the record that would cause damage to CES and may not have been factual. May have offered or put him in contact with people who might pay off the Judge to cause us problems. Again, these are only suspicions.
- -Most likely actively consulting neighbors filing against CES about what they should claim is wrong with them, and may be actively seeking doctors to support these claims for Mr. Hill.
- -May have caused similar issues while working at AES (Energy Company). Believe he took some of their records and stored them at his house and tried to black mail them with these. He claims he has proof that top shareholders took actions similar to Enron. When we discovered he filed the case against AES, we asked him about it. He said it really wasn't for racial discrimination, but for something else he could not press charges for. Or at least something he could not Blackmail them for if he made it public. Then he couldn't collect large sums of money.
- -Money is the most important thing to Karl Guidry despite what he tries to get people to think.
- -Although nothing could ever be proven on Karl- A very large number of people think he was involved in something to the detriment of CES. The individuals include Whites, African American, Hispanics.

Possible Motives for Karl

- **We think he is racist against whites and thinks he has been cheated- Hence his EEOC case with AES (Previous Employer).
- **Believe the primary motive was to make money from legal cases by "case hunting" while working at CES. Believe he wants to make cut of legal settlements on cases involving CES from Civil and EEOC attorneys. Also think he instigated things that prompted legal cases.
- **Always wanted to stick his nose in legal matters to find out current status. Unfortunately, his legal knowledge
- **Think he is and has been working with the attorneys on the civil cases against CES
- **Wanted to start his own waste water facility and tried to recruit people from CES to run it (Sam Brown was recruited). Also have witnesses that say he was doing work through Holcomb Environmental for work at the Port of Port Arthur. Said he could solidify business with a firm who wanted to do business with a minority owned company. Robert with GI Environmental said he was on site at their project with Mr. Holcomb removing oil from a barge. Robert was subcontracted because they needed his ship to shore coast guard permit. They asked him to leave after the water portion of the oily water was removed. Thousands of gallons of oil was removed and sold. He visited this work site while working for

CES during work hours according to Robert from GI Environmental. Robert also claims Karl hit on his wife.

-Possibly hoping the civil cases will be awarded so much money that they take ownership of company assets for which he could later purchase at a discount with the agreement that he help them win money from us. This would achieve all his goals. Steal the company legally and get it at a discount.

*****Attorneys in civil cases and EEOC cases

- -believe primarily Mr. Hill and EEOC case lawyer are trying to "create events" that help their case.
- -might be making pay offs to individuals who could create events to help them win money.
- -working with Karl and Mark on planning events that support their case.

Mark Smith/Neighbors

- -Just want to make money off legal cases.
- -Mark may also be getting paid by these attorneys to "create events" that could help their case. Mark has not had a job since his termination with CES and has been actively causing problems and stirring up trouble.
- -member of the black panthers and his picture is on the web page for the organization. Also, made sure to be in the press pictures against CES.

Quanell X/NUBF/Black Panthers

- -Quanell X, Mark Smith, Ricky Brannon-All ex cons- Organization full of and ran by criminals.
- -Black Panthers/NUBF= Terrorist organization ran by criminals who have agendas against whites and think they should be compensated.
- -Mr. Hill (Attorney for Houston site neighbors filing claims) has been Quanell's attorney on other legal matters in the past. Most notably the case against Quanell and the Houston Policeman Union which was settled out of court.
- -Want to make money from legal cases, or extort money by other means.
- -Quanell X has no official job-how is he making his money??????
- -Gets most of his money through anonymous donations- may be getting some from some of our competitors (If true-most likely Merichem, US Oil Recovery)- Other competitors-Beeline, Intergulf, Liquid Environmental Solutions.
- -Most likely funneling his money through Churches who pay him for services.
- -Make payments for services through these churches so the money is more difficult to track. Would most likely make campaign contributions, payoffs, etc. in this manner as well.

-According to Ricky Brannon affidavit (See attached affidavit)- Quenelle X, an admitted former drug dealer, is still making money though narcotics sales.

NOTE: Quanell X is known to try and go after companies he thinks will pay him off to leave them alone. He uses allies in the media to do this. They like him because he makes news for them. Also, remember after the carbon scrubber over pressurized- the media showed up within a couple min.

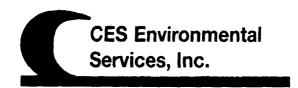
Other Things to Note:

An African American College is being built les than 2 blocks from CES-Houston.

The plans for the Houston public transportation system show rail lines coming through MLK Blvd-Less than 1 block from CES-Houston.

Houston has no zoning laws.

CES-Houston/PACES-Port Arthur and partner Quantex-Canada -have plans, licenses, and are working on building a test reactor for Clean Coal technology at the Port Arthur site- (This is potentially a very profitable and successful endeavor).



4904 Griggs Road Houston TX 77021 Tel. (713) 676-1460 Fax. (713) 676-1460

Waste Pre-Acceptance/Approval Letter

Date 6/19/2009

Dear Control Room

Thank you for choosing CES Environmental Services, Inc. for you waste disposal and/or recycling needs. The following waste stream has been approved at our facility in Houston, TX. If the waste received does not conform to the profile, then rejection or additional charges may apply.

CES Profile # HOU-3387

Expiration Date 6/19/2011

Generator: Noltex

Address: 12220 Strang Road (Attn: Randy Boeding)

La Porte, TX 77571

Waste Information

Name of Waste: Used oil - refrigerant

TCEQ Waste Code #: REC

Container Type:

Detailed Description of Process Generating Waste:

Used oil from manufacturing operations

Color: Dark brown to black Odor: Hydrocarbon pH: 6.0-9.0<100

Physical State:

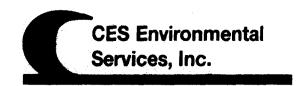
Incompatibilities: Strong oxidizing agents **Safety Related Data/Special Handling:**

Standard PPE

If you have any questions concerning this approval and/or the conditions, then please feel free to contact our office at (713) 676-1460.

Thank you,

Matt Bowman, President CES Environmental Services, Inc.



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	aste: moription monuf ite: dark bro ivity (wat	of Property of Pro	Used Oi rocess G ing open Liquid Solid o black	I - refrige ienerating rations 0.8	erant g Waste SI Fil 8-0.9	iter Cake	Odor:	hydrocarbor Density:	1./-/.'1 lbs/	Igal 6	.7-
lame of Wa letailed De letailed Sta hysical Sta olor: pecific Gra oes this m	aste: scription manuf ete: dark bro evity (wat	of Proceedings of Procedure of	Used Oi rocess G ing open Liquid Solid o black i: n any to	I - refrige ienerating rations 0.s tal pheno era substi	g Waste SI Fill 8-0.9 olic compounituted pheno	iter Cake nds? olic comp	Odor: Yes	hydrocarbor Density:	1./-/.'1 lbs/		
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ame of Wa etailed De sed Oil fro hysical Sta blor: becific Gra bes this m hes this m the Waste	aste: scription sm manuf ite: dark bro svity (wat saterial co	of Pi	Used Oi rocess G ing open Liquid Solid o black i: n any to n any pa	l - refrige ienerating rations 0.8 tal pheno ira substi	SI SI SI SI SI SI SI SI SI SI SI SI SI S	iter Cake inds? olic comp NESHAP? ie SIC cod	Odor: Yes ounds? (40 CFR Part 6 e from your fa	hydrocarbor Density: You 1. Subpart Flicility is one of	No les les No) Yes (☑ No
ame of Wa etailed De sed Oil fro nysical Sta plor: pecific Gra pes this m pes this m the Waste 18wer "Yes	aste: scription sm manuf ste: dark bro svity (wat saterial co saterial co e subject s" if your	wn to the waste \$813	Used Oi rocess G ing open Liquid Solid o black i: n any to n any pa	l - refrige ienerating rations 0.8 tal pheno ira substi ine waste ns benzei 2816	SION STATE SION STATE SION SION SION SION SION SION SION SION	ilter Cake inds? olic comp NESHAP? ie SIC cod 2821	Odor: Yes ounds? (40 CFR Part 6 e from your fa 2822	hydrocarbor Density: You 1, Subpart Flicility is one of 2823	No les les No les les the following 2824) Yes (☑ No 2834
ame of Waterland De Seed Oil from the Seed Oil from the Seed Oil from the Seed Oil from the Waster (Yes 2812) 2835	aste: scription sm manuf ste: dark bro svity (wat saterial co saterial co e subject s" if your	wn to the waste 813 836	Used Oi rocess G ing open Liquid Solid o black i: n any to n any pa	0.3 tal pheno ira substi ine waste ins benzei 2816 2841	SION STATE SION SION SION SION SION SION SION SION	nds? olic comp NESHAP? e SIC cod 2821 2843	Odur: Yes ounds? (40 CFR Part 6 e from your fa 2822 2844	hydrocarbor Density: You 1, Subpart Flicility is one of 2823 2851	No	Yes (2833 2865	☑ No 2834 2869
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ame of Waterland De Seed Oil from the Seed Oil from the Seed Oil from the Seed Oil from the Waster (Yes 2812) 2835	aste: scription sm manuf ste: dark bro svity (wat saterial co saterial co e subject s" if your	wn to the waste 813 836	Used Oi rocess G ing open Liquid Solid o black i: n any to n any pa	0.3 tal pheno ira substi ine waste ins benzei 2816 2841	SION STATE SION SION SION SION SION SION SION SION	nds? olic comp NESHAP? e SIC cod 2821 2843	Odur: Yes ounds? (40 CFR Part 6 e from your fa 2822 2844	hydrocarbor Density: You 1, Subpart Flicility is one of 2823 2851	No	Yes (2833 2865	☑ No 2834 2869
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		•	er 40CFR 261 id date the Und		Ye erdous Canstitue	_	No tached hereto		
If "Yes",	Is it:	D001 (Ignita	able)	D002 (Coi	rrosive)	0003 (Re	active)		
Characteristic for Toxic Metals: 0004					r □ D00			∐ D009	
Characteris	stic for Toxic	Organics: D01	.2 thru D043 (j	please list a	ill that apply)				
		ed waste or m ist ALL applica	nixed with one able codes:	27	☐ Ye	ıs L	√ No		
Is this a co	mmercial pro	duct or spill c	leanup that w	ould carry	a "U" or "P" w	aste code u	nder		
	.33(e) or (f)?				√ No				
		ist ALL applica							
Texas State	e Waste Code	: Number:		Recycle					
Proper US I	DOT Shipping	, Name:	Non RCRA/I	Non DOT R	egulated Mate	rial (Used O	il)		
Class:	NA	_UN/NA:	NA	PG:	NA.	RQ:	NA		
Flasi	h Point		рН	React	ive Sulfides	Reactiv	e Cyanides	Soli	ds
	141		0-9.0	<100	mg/l	<10	mg/l	<2	%
	Grease		OC	1200	Zinc	Copper		Nic	
NA	mg/l	NA	mg/l	NA	mg/l	NA	mg/l	NΛ	me/l
		<u></u> .			тіру і	1	1		111571
SECTION 4:	Physical and	Chemical Dat	a						
	Physical and COI	MPONENTS T	ABLE			CONCEN	TRATOIN		UNITS
	Physical and COI	MPONENTS T	a			CONCEN Ranges are			UNITS
	Physical and COI	MPONENTS TA	ABLE			CONCEN Ranges are	TRATOIN acceptable		UNITS or %
	Physical and COI ne waste cons	MPONENTS TA sists of the foll Used Oil	a ABLE lowing materia			CONCEN Ranges are 88	TRATOIN acceptable		UNITS or % %
	Physical and COI ne waste cons	MPONENTS TA sists of the foll Used Oil Water	a ABLE lowing materia			CONCEN Ranges are 88	TRATOIN acceptable 100		UNITS or % %
	Physical and COI ne waste cons	MPONENTS TA sists of the foll Used Oil Water	a ABLE lowing materia			CONCEN Ranges are 88	TRATOIN acceptable 100		UNITS or % %
	Physical and COI ne waste cons	MPONENTS TA sists of the foll Used Oil Water	a ABLE lowing materia			CONCEN Ranges are 88	TRATOIN acceptable 100		UNITS or % %
	Physical and COI ne waste cons	MPONENTS TA sists of the foll Used Oil Water	a ABLE lowing materia			CONCEN Ranges are 88	TRATOIN acceptable 100		UNITS or % %
	Physical and COI ne waste cons	MPONENTS TA sists of the foll Used Oil Water	a ABLE lowing materia			CONCEN Ranges are 88	TRATOIN acceptable 100		UNITS or % %
	Physical and COI ne waste cons	MPONENTS TA sists of the foll Used Oil Water	a ABLE lowing materia			CONCEN Ranges are 88	TRATOIN acceptable 100		UNITS or % %
	Physical and COI ne waste cons	MPONENTS TA sists of the foll Used Oil Water	a ABLE lowing materia			CONCEN Ranges are 88	TRATOIN acceptable 100		UNITS or % %
	Physical and COI ne waste cons	MPONENTS TA sists of the foll Used Oil Water	a ABLE lowing materia			CONCEN Ranges are 88	TRATOIN acceptable 100		UNITS or % %
	Physical and COI ne waste cons	MPONENTS TA sists of the foll Used Oil Water	a ABLE lowing materia			CONCEN Ranges are 88	TRATOIN acceptable 100		UNITS or % %

2818425097

SECTION 5: Safety Re If the handling of this	<u>lated Data</u> waste requires the use of special protective e	equipment, please explant.
Standard PPE		
	Supporting Documents	and the second of the second of
	tes, data and/or analysis attached to this form	
approval package	Material sampled on 04/23/2009 and ana	11y2cd oil 4/2/12009.7
, , , , , , , , , , , , , , , , , , ,		
SECTION 7: Incompati	<u>ibilities</u>	
Please list ALL incompa	atibilities (if any):	
strong oxidizing agents	S	
SECTION 8: Generator	r's Knowledge Documentation	
	the bazardous waste characteristics, listed be	elow. WAS NOT PERFORMED
	ing generator knowledge:	
	00.	
TCIP Metals:	See attached analytical report	
TCLP Volatiles:	See attached analytical report	
TCLP Semi-Volatiles:	See attached analytical report	
Reactivity:	See attached analytical report	
Corrosivity:	See attached analytical report	
Ignitability:	See attached analytical report	
	ipt Classification Under 40 CFR 437 (Princing to I	Pre-Treatment Requirements for Centralized Waste Treatment
Facilities)	erial a wastewater or wastewater sludge?	T YES FINO
	, complete this section.	1 1 122 111 112
PLEASE CH	ECK THE APPROPRIATE BOX. IF NO APPROPRIAT	F CATFGORY, GO TO THE NEXT PAGE.
Metals Subcategory : Su	ibpart A	
	troplating baths and/or sludges	
	hing rinac water and sludges	
Chromate s	wastes in control blow down water and sludges	
	fizing solutions	
`	n wästewaters	
∭ Waste liqui		
	ntaining wastes greater than 136 mg/l	
— ,	is and bases with or without metals insing, and surface preparation solutions from ele	to be about the control of the contr
	leburring wastewarer	ectroplating or phosphating operations
	d acid solutions used to clean metal parts or equ	pipment
04.6.4		
<u>Oils Subcategory</u> : Subpa Us e d oils	ort B	
=	mulsions or mixtures	
Lubricants		
☐ Coolants		
	ted groundwater clean up from petroleum sourc	res
	eleum products	
[] Oil spill clea [] Bilge water	•	
	n waters from petroleum sources	
, , , , , , , , , , , , , , , , , , , ,		

	☐ Interceptor wastes
	[_ Off-specification fuels
	☐ Underground storage remediation waste ☐ Tank clean-out from petroleum or oily sources
	Non-contact used glycols
	Aqueous and ail mintures from parts cleaning operations
	☐ Wastewater from oil bearing paint washes
Organic:	<u>Subcategory</u> : Subpart C
	Landfill leachate
	Contaminated groundwater clean-up from non-petroleum sources
	☐ Solvent-bearing wastes
	Off specification organic product
	Still bottoms
	Byproduct waste glycol Wastewater from paint washes
	Wastewater from adhesives and/or epoxies formulation
	Wastewater from organic chemical product operations
	Tank clean out from organic, non-petroleum sources
(1)	
	if the waste contains oil and grease at or in excess of 100 mg/t, the waste should be classified in the oils subcategory.
(2)	
144	If the waste contains oil and grease less than 100 mg/t, and has any of the pollutants listed below in concentrations in
	excess of the values listed below, the woste should be classified in the metals subcategory.
	Cadmium: 0.2 mg/l
	Chromium: 8.9 mg/L
	Copper: 4.9 mg/l
	Nickel: 37.5 mg/L
	···
(3)	
	If the waste contains oil and grease less than 100 mg/L, and does not have concentrations of cadmium, chromium, copper,
	or nickel above any of the values listed above, the waste should be classified in the organics subcategory
	Metals Subcategory
	☑ Oils Subcategory
	Organics Subcategory
SECTION	10 Additional Instructions
16	and debayers at the control of the design of
	not determine the correct subcategory in Section 9 and you did not turnish data for the concentration of Cadmium, Chromium,
	lickel, and Oil and Grease, CFS will send offsite to a commercial laboratory a sample to determine these concentrations. This for to occupations. The generator will be responsible for the cost of the analysis.
with the fire	or to acceptance—the generator will be responsible for the cost of the analysis.
SECTION	11: Generator's Certification
	mation contained herein is based on 🔝 generator knowledge and/or 🕝 analytical data.
	certify that the above and attached description is complete and accurate to the best of
	ledge and ability to determine that no deliberate or willful omissions of compostion
	es exist and that all known or suspected hazards have been disclosed. I certify that the
	s tested are representative of all phyterials described by this document.
1110151101	
Authoriz	ed Signature: Date: 16-18-19
Authoriz	ed signature: Date: Date:
Bristad I	ed Signature: Distance Continue Date: 16-18-09 Name/Title: LINETINE APARICIO, MOR-EH545
rimtear	Value III.
CEC LICE	ONLY (DO NOT WRITE IN THIS SPACE)
かたつ いつじ	Oraci (DO ROT WINTE RETING SPACE)
Commin	nce Officer:
_ '	
Date:	6-14-14 Approved Rejected
Αρμιονοί	Number.



PROCESS FACILITY INFORMATION (CES USE ONLY)!!!

1. Base Pricing (including freight):
\$35/dmt transffsc
2. Contamination Limit (maximum limit before surchages apply):
Call Joy it any questions
3. Surcharge Pricing:
4. Special Testing Requirements:
Chlor-d-tect on composite simple, Black oil Blandability
flind
5. Treatment and Handling Protocol: Black Oic
gand wy Idlam ore
6. Treated Wastewater Discharge Subcategory:
☐ Subcategory A ☐ Subcategory B ☐ Subcategory C



PROCESS FACILITY INFORMATION (CES USE ONLY)!!!

7. Tests for Product Recovered/Recycled (if applicable):							
8. Management fo	r Product Recovered	d/Recycled (if applic	cable)				



ANALYTICAL REPORT

Job Number: 600-9786-1

Job Description: Drums MO810194-003 & -009 4/23/09 TCLP

For: Noltex LLC 12220 Strang Road La Porte, TX 77571-9740

Attention: Ms. Joy Snodgrass

Neil a. Robrigue

Appeared for release Need A Rockeyone Proport Montegor II 5/7/2008 A IB PM

Neil A Rodrigue
Project Manager II
neil.rodrigue@lestamericainc.com
05/07/2009

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Houston Certifications and Approvals: TX NELAP T104704223-06-TX, ARDEQ 88 0759, LADEQ 01967, OKDEO 9503, UT DOH GULF

TestAmerica Laboratories, Inc.
TestAmerica Houston 6310 Rothway Street, Houston, TX 77040
Tel (713) 690-4444 Fax (713) 690-5646 www.testamericainc.com



SAMPLE SUMMARY

Client: Noltex LLC

Job Number: 600-9786-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
600-9786-1	Drum# M0810194-009	Waste	04/23/2009 0830	04/23/2009 1119
600-9786-2	Drum# M0810194-003	Waste	04/23/2009 0850	04/23/2009 1119

Ms. Joy Snodgrass Noltex LLC 12220 Strang Road La Porte, TX 77571-9740 Job Number: 600-9786 1

Client Sample ID:

Drum# M0810194-009

Lab Sample ID:

600-9786-1

Date Sampled: 04/23/2009 0830

Date Received: 04/23/2009 1119

Client Matrix. Wasic

Analyte	Result/Qualifier		Unit	MDI	RI	Offution
Method: TCLP-8260B			Date ∧n	alyzed:	04/27/2009 2121	
Prep Method: 5030B			Date Pr	i:pared:	04/27/2009 2121	
Benzene	22	U	เหม	22	100	20
Carbon tetrachloride	22	U	ug/L	22	. 100	20
Chlorobenzene	10	IJ	ug/L	18	100	20
Chloroform	18	U	ug/L	10	100	20
1,2-Dichloroethane	22	U	ug/L	22	100	20
1,1-Dichloroethene	23	U	ug/L	23	100	20
2 Butanone (MEK)	32	IJ	ug/L	32	200	20
Tetrachloroethene	40	U	ug/L	46	100	20
Trichloroethene	26	U	ug/l	26	100	20
Vinyl chloride	32	U	ug/L	32	100	20
1.4 Dichlorobenzone	22	U	ug/L	22	100	20
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	103		%		/0 130	
Dibromofluoromethane	94		*%		70 130	
Toluene-d8 (Surr)	109		%		70 - 130	
1,2-Dichloroethane-d4 (Surr)	85		%		70 - 130	
Method: TGI_P-8270G			Date ∧n	alyzed:	04/28/2009 1946	
Prep Method: 3510C			Date Pre	epared:	04/27/2009 1126	
1.4-Dichlorobenzene	1.3	U	ug/L	1.3	10	1.0
2,4-Dinitrololucing	0.95	IJ	ug/l	0.95	10	1.0
2,4.5-Trichtorophenol	1.3	υ	uÿ/L	1.3	10	1.0
2.4.6-Trichlorophenol	0.92	υ	ug/L	0.92	10	1.0
2-Methylphenol	1.0	U	ug/L	1.0	10	1.0
3 & 4 Methylphenol	12	J	ug/L	1.9	20	1.0
Hexachlorobenzene	0.90	U	ug/L	0 90	10	10
Hexachlorobuladiene	1,1	Ų	uq/L	1.1	10	10
Hexachlorgethane	1 2	U	гијЛ	1.2	10	1.0
Nitrobenzene	1.2	U	ug/L	1.2	10	1.0
Pentachiorophenol	0 89	Ų	ug/L_	0 89	50	1.0
Pyridine	1.0	U	ug/l.	1 0	10	10
Surrogate					Acceptance Limits	
Phenol d6	40		%		10 - 94	
Nitrobenzene d5	80		%		35 114	
2 Fluoraphenal	59		%		21 100	
.2 Fluorobiphenyl	94		%,		43 116	
2.4.6 Tribromophenol	95		%		10 123	
Terphenyl-d14	94		%		33 - 141	

Page 3 of 28

05/07/2009

Ms. Joy Snodgrass **Nollex LLC** 12220 Strang Road La Porte, TX 77571-9740 Job Number: 600-9786-1

Client Sample ID:

Drum# M0810194-009

Lab Sample ID:

600-9786-1

Date Sampled: 04/23/2009 0830

Date Received: 04/23/2009 1119

Client Matrix. Waste

Analyte	ResultQuali	llier	Unit	MDL		RL	Dilution
Method: TCLP-6010B			Date An	alyzed [.]	04/28/2009	1100	
Prep Method: 3010A			Date Pre	epared:	04/27/2009	1610	
Silver	0.0012	U	mg/L	0.001	2	0.010	1.0
Arsenic	0.013	В	mg/l	0 003	3	0.010	1.0
Barium	0.068	B	mg/L	0 001	6	0.020	1.0
Cadminn	0.00073	U	mg/L	0.000	73	0.0050	1.0
Chromum	0.0016	U	mg/L	0.001	6	0.010	1.0
Lead	0.0029	U	mg/l	0.002	9	0.010	1.0
Selenium	0.012	J.B	tui l V	0.004	>	0.040	1.0
Method: TCLP-7470A			Date Ana	alyzed.	04/27/2009	1709	
Prop Method: 7470A			Date Pre	pared.	04/27/2009	1015	
Morcury	0.11	J.FR	uga	0.021		0.20	1.0
Method: 9012			Dale Ana	alyzed.	05/07/2009	1416	
Prep Method: 7.3.3			Date Pro	pared.	05/06/2009	1300	
Reactive Cyanide	18	U	ug/Kg	18		250	1.0
Method: 9034			Date Ana	alyzed:	05/07/2009	1409	
Prep Method: 7.3.4			Date Pro	pared.	05/06/2009	1300	
Reactive Sulfide	40	.1	mg/Kg	14		50	1.0

Ms. Joy Snodgrass Noltex LLC 12220 Strang Road La Porte, TX 77571-9740 Job Number 600-9786-1

Client Sample ID:

Drum# M0810194-009

Lah Sample ID:

600-9786-1

Date Sampled: 04/23/2009 0830

Date Received, 04/23/2009 1119

Client Matrix:

Waste

Analyte		Result/Qualifier	Unit	RL	RL	Dilution
Method:	1010		Date Anal	yzed:	04/27/2009 1810	
Flashpoint		>186	Degrees (1.0	1.0	1.0
Mcthod:	D240-87		Date Anal	yzed:	04/29/2009 1645	
BTU		19000	BTU/lb	500	500	1.0

Job Number: 600-9786-1

Ms Joy Snodgrass Noltex LLC 12220 Strang Road La Porte, TX 77571-9740

Client Sample ID: Drum# M0810194-003

Lab Sample ID:

600-9786-2

Date Sampled. 04/23/2009 0850

Nate Received: 04/23/2009 1119

Client Matrix: Waste

Analyte	Result/Qualifier		Unit	MOL	RL	Dilution	
Method: TCLP-8260B	Date Analyz		nalyzed.	lyzed. 04/27/2009 2145			
Prep Method: 5030B				epared:	04/27/2009 2145		
Benzene	22	IJ	ug/l	. 22	100	20	
Carbon letrachloride	22	U	ug/l	22	100	20	
Chlorobenzene	18	U	ug/L	18	100	20	
Chloroform	18	U	ug/L	18	100	20	
1,2-Dichloroethane	22	U	ug/l	22	100	20	
1,1-Dichloroethene	23	, U	uy/L	23	100	20	
2-Dutanone (MEK)	32	U	ug/L	32	200	20	
Tetrachloroethene	46	U	ug/L	46	100	20	
Trichloroethene	26	U	ug/L	26	100	20	
Vinyl chloride	32	U	ug/I	32	100	20	
1.4-Dichlorobenzene	22	U	ug/L	22	100	20	
Surrogale					Acceptance Limits		
4-Dromofluorobenzene	103		%		70 - 130		
Dibromofluoromethane	92		" %		70 130		
Toloene-d8 (Surr)	109		%		70 - 130		
1,2 Dichloroethane d4 (Surr)	84		%		70 - 130		
Method: TCLP-8270C			Dale Ar	nalyzed:	04/28/2009 2017		
Prep Method: 3510C			Date Pr	epared:	04/27/2009 1126		
1,4-Dichloroberizene	13	U	ug/L	1.3	10	1.0	
2.4 Dinitrotoluene	0.95	U	ug/l	0 95	10	1.0	
2,4.5-Trichlorophenol	1.3	u	rķļ/l	1.3	10	1.0	
2.4.6-Trichtorophenal	0.92	U	ug/L	0.92	.10	1.0	
2-Methylphenol	10	U	ug/L	1.0	10	1.0	
3 & 4 Methylphonol	1.9	U	ug/L	1.9	20	1.0	
Hexachiorohenzene	0.90	U	ug/L	0.90	10	1.0	
Hexachlorobutadiene	1.1	U	ug/L	1.1	10	1.0	
Llexachloroethane	1.2	U	ug/L	1.2	10	1.0	
Nitrobenzene	12	· U	ug/L	1.2	10	1.0	
Pentachlorophenol	0.89	Ų	ug/L	0.89	5Ú	1.0	
Pyridine	1.0	U	tig/l	10	10	1.0	
Surrogate			Acceptance Limits				
Phenol-dG	30		%	10 - 94			
Nitrobenzene-d5	82		%	35 - 114			
2-l'luorophenol	58		%	21 100			
2-Fluorobiphenyl	89		cX,	43 116			
2,4,6-Tribromophenol	100		" /o	10 - 123			
Terphenyl-d 14	86		'%	33 - 141			

Page 6 of 28

05/07/2009

Ms. Joy Snodgrass Noltex LLC 12220 Strang Road La Porte, TX 77571-9740 Job Number 600-9786-1

Client Sample ID:

Drum# M0810194-003

Lab Sample ID:

600-9786-2

Date Sampled: 04/23/2009 0850

Date Received 04/23/2009 1119

Client Matrix: Waste

Analyte	Result/Quali	fier	Unit	MDL		KL	Dilution
Method: TCLP-6010B			Date An	alyzed:	04/28/2009	1103	
Prep Method: 3010A			Date Pre	pared:	04/27/2009	1610	
Silver	0.0012	U	mg/L	0.00	12	0.010	1.0
Arsonic	0.0094	JB	mg/L	0.00	33	0.010	1 0
Barium	0.077	B	mg/l	0.00	16	0.020	1.0
Cadmium	0.00073	C)	mgA	0.00	073	0.0050	1.0
Chromium	0.0016	U	τικ3/I	0.00	ıĢ	0 0 10	1.0
Lead	0.0029	U	mg/L	0.00	29	0.010	1.0
Selenium	0.013	1 B	mg/L	0.00	42	0.040	1.0
Method: TCLP-7470A			Dale ∧g	dyzed:	04/27/2009	1711	
Prep Method: 7470A			Date Pre	pared:	04/27/2009	1015	
Mercury	0 14	10	ug/L	0.02	1	0.20	1 0
Method. 9012			Dale An	alyzed	05/07/2009	1416	
Prep Method: 7.3.3			Date Frepared:		05/06/2009	1300	
Reactive Cyanide	18	Ü	ug/Kg	18		250	1.0
Method: 9034			Dale And	dyzert:	05/07/2009	1509	
Prep Method: 7.3.4			Date Prepared:		05/06/2009	1300	
Reactive Sulfide	30	J	mg/Kg	14		50	1.0

Ms. Joy Snodgrass Noticx LLC 12220 Strang Road La Porte, TX 77571-9740 Job Number: 600 9786 1

Client Sample ID:

Drum# M0810194-003

Lab Sample ID:

600-9786-2

Date Sampled 04/23/2009 0850

Date Received. 04/25/2009 1119

Chent Matrix

Waste

Analyte	Result/Qualifier	Unit	RL	RI.	Odution
Method: 1010		Date An	alyzed:	04/27/2009 1810	
Flashpoint	:186	Degrees F	1.0	1 0	1.0
Method: D240-87		Date And	alyzed:	04/29/2009 1645	
RTU	21000	BTU/lb	500	500	1.0
Flashpoint Method: D240-67		Degrees F Da te And	1 () alyzed:	1 0 04/29/2009 1645	

METHOD SUMMARY

Client, Noltex LLC

Job Number 600-9786-1

Lab Location	Method	Preparation Method
TAL HOU	SW846 8260B	
TALTIOU		SVV846-1311
TAL HOU		SW846 5030B
TAL HOU	SW846 8270C	
TAL HOU		SW846 1311
TALHOU		SW846 3510C
TAL HOU	SW846 6010B	
TAL HOU		SW046 1311
I'AL HOU		SW846 3010A
TAL HOU	SW846 7470A	
TAL HOU		SW846 1311
TALTIOU		SW046 7470A
IVE HOR	SW846 1010	
TALTIOU	SW846 9012	
TAL HOU		\$VV846 7 3.3
TALLIOU	SW846 9034	
TAL HOU		SW846 7 3 4
TAL HOU	ASTM D240-87	
	TAL HOLI TAL HOU	TAL HOLL SW846 8260B TAL HOU TAL HOU SW846 8270C TAL HOU SW846 8270C TAL HOU SW846 6010B TAL HOU SW846 6010B TAL HOU SW846 7470A TAL HOU SW846 7470A TAL HOU SW846 1010 TAL HOU SW846 1010 TAL HOU SW846 9012 TAL HOU SW846 9034 TAL HOU SW846 9034

Lab References:

TAL HOU Test/America Houston

Method References:

ASTM = ASTM International

SWM6 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And its Updates

METHOD/ANALYST SUMMARY

Client: Noltex LLC

Job Number: 600-9786-1

Method	Analyst	Analyst ID
SW846_8260B	Liu. Zailang	ZFL
SW846 8270C	Sundquist, Trevor W	TWS
SW840 0010B	Patel, Silen R	SRP
SW846 7470A	Lige, Derrick C	DCt.
SW846 1010	Puranik, Gurendra U	SUP
SW846 9012	Walker, Gerald (Gerry) C	GCW
SW846 9034	Walker, Gerald (Gerry) C	GCW
ASIM D240-87	Puranik, Surendra U	SUP

QUALITY CONTROL RESULTS

TestAmerica Houston

Page 11 of 28

05/07/2009

Client: Noltex LLC

Job Number: 600-9786-1

TCLP SPLPE Leachate Blank - Batch: 600-14163

Method: 8260B Preparation: 5030B

TCLP

 Lab Sample ID:
 LB 600-13999/1 A
 Analysis Batch: 600 14163
 Instrument ID:
 VOA-V

 Client Matrix:
 Waste
 Prep Batch: N/A
 Lab File ID:
 H11706.D

 Dilution:
 1,0
 Units: ug/L
 fnital Weight/Volume:
 5 mL

 Date Analyzed:
 04/27/2009 1628
 Final Weight/Volume:
 5 mL

 Date Prepared
 04/27/2009 1628

 Date Leached:
 04/24/2009 1500

 Leachale Batch:
 600-13999

Analyto	Result	Qual	MDL	RL
Benzene	1.1	IJ	1.1	5.0
Carbon letrachloride	11	U	1.1	5.0
Chlarobeazene	0.92	U	0.92	5.0
Chloroform	0.92	U	0.92	5.0
1,2 Dichloroethane	1.1	U	1.1	5.0
1.1-Dichloroethene	12	U	12	5.0
2-Bulanone (MEK)	1.6	U	1.6	10
Tetrachloroethene	2.3	Ų	2.3	5.0
Trichloraetheric	1 3	U	1.3	5.0
Vinyl chloride	16	U	1.6	5.0
1,4-Dichlorobenzene	3.1	U	1.1	5.0

Surrogale	% Rec	Acceptance Lund	
4-Bromoficiorobenzene	99	70 - 130	
Dibromofluoromethane	93	70 - 130	
Toluene d8 (Surr)	109	70 - 130	
1,2 Orchloroethane-d4 (Sun)	84	70 - 130	

Client Nollex LLC

Job Number 600-9786-1

Method Blank - Batch: 600-14163

Method: 8260B Preparation: 5030B

Lab Sample IO:	MB 600-14163/3	Analysis Balch. 600-14163	Instrument ID: VOA-V
Clicid Matrix	Water	Prep Batch: N/A	Lab File ID: 1111708.D
Dilution:	1.0	Units, ug/L	Initial Weight/Volume: 5 ml
Date Analyzed:	04/27/2009 1717		Linal Weight/Volume: 5 ml
Date Prepared:	U4/2//2009 1/17		

Analyte	Result	Qual	MDL	RI.
Benzene	1.1	U	1.1	5.0
Carbon tetrachloride	1.1	U	11	5.0
Chlorobenzene	0.92	u	0 92	50
Chloroform	0.92	Ħ	0.92	50
1,2-Dichteroethane	1.1	U	1,1	5.0
1,1-Dichloroethene	12	ti.	1.2	5.0
2-Bu(arrone (MEK)	1.6	ሆ	1.6	10
Tetrachloroethene	2.3	U	2.3	50
Trichloroethene	1.3	U	13	5.0
Vinyl chloride	1.6	U	1.6	5.0
1,4-Dichlorobenzene	1.1	Ü	1.1	5.0
Surrogate	% Rec		Acceptance Limits	
4-Gromofiuorobenzene	102		70 - 130	

w iser.	vershieres i and	
102	70 - 130	
93	70 - 130	
113	70 - 130	
83	70 - 130	
	102 93 113	

Client: Noltex LLC

JUN-18-2009 12:42 From: NOLTEX .

Job Number: 600 9786 1

Lab Control Sample - Batch: 600-14163

Method: 8260B Preparation: 5030B

Lab Sample (D: LCS 600-14163/1

Analysis Balch: 600 14163

Instrument ID: VOA-V

Client Matrix:

Water

Dilution:

1.0

Prep Batch, N/A

H11703.D Lab File ID:

Units: ug/L

Initial Weight/Volume: 5 ml

Date Analyzed: 04/27/2009 1450

04/27/2000 1450

Final Weight/Volume: 5 ml

Cate richateo.	04/2//2003	1-1.30

Analyte	Spike Amount	Result	% Rec.	l mini	Qual
Benzene	50 0	46.0	92	69 - 124	
Carbon letrachloride	50.0	43.9	88	57 - 134	
Chłorobenzene	50.0	49.0	98	70 129	
Chloroform	50.0	48.2	96	69 128	
1,2-Dichloroethane	50.0	44.6	80	65 134	
1, f-Dichloroethene	50.0	45,1	90	45 - 136	
2-Butanone (MFK)	100	111	111	53 - 140	
Tetrachloroethene	50.0	52.8	106	59 - 134	
Trichloroethene	50.0	45.3	91	68 - 130	
Vinyl chloride	50.0	46.4	93	38 - 153	
1.4 Dichlorobenzene	50.0	45.1	90	72 - 131	
Surrogate	% H	tu:	Αιц	centance Limits	
4 Étromofluorebenzene	91			70 - 130	
Dibromoffooromelhane	96		70 - 130		
foluene-d8 (Sum)	98		70 - 130		
1,2-Dichloroethane d4 (Surr)	137			70 - 130	

Client: Noltex LLC

Job Number: 600-9786-1

Method Blank - Batch: 600-14019

Method: 8270C Preparation: 3510C

Lab Sample ID: Client Matrix:	MB 600-14019/1-A Water	Analysis Batch: 600 14145 Pren Batch: 600-14019		Instrument IO: MSOZ	
Dibilion	10	Units: ug/L		Initial Weight/Volume.	1000 m
Date Analyzed.	04/28/2009 1742	514t6. dg/C		Final Weight/Volume:	1.00 mt
Date Prepared.	04/27/2009 1126			Injection Valume:	1.0 uL
∧nalyte		Result	Quat	MDL	RL
1.4 Dichlorobenz	ene	1.3	U	1.3	10
2,4-Dinitrotoluene	•	0.95	U	0.95	10
2,4,5-Trichloroph	enol	1.3	U	/1.3	10
2,4.6-Trichloroph	enol	0.92	U	0.92	10
2-Methylphenol		1 0	U	1.0	10
3 & 4 Methylpher	o	1.9	U	1.8	20
Hexachlorobenze	ene	0.90	U	0 90	10
i lexachlorobulad	iene	1 1	Ų	1.1	10
Flexactiforoethan	c ·	1.2	Ų	1.2	10
Nitrobenzene		1.2	U	1.2	10
Pentachlorophen	ol	0.09	U	0 89	50
Pyridine		10	U	1.0	10
Surrogale		% Roc		Acceptance Limits	
Phenol-d6		41		10 94	
Nitroberizene-d5	X.	78		35 - 114	
2-Fluorophenol		60		21 - 100	
2-Fluorobiphenyl		89		43 116	
2,4,6-1 ribromoph	enot	91		10 123	
Terphenyl-d14		មប័		33 - 141	
•					

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Noltex LLC

Date Leached:

Job Number: 600-9786-1

TCLP SPLPE Leachate Blank - Batch: 600-14019

04/24/2009 1430

Mothod: 8270C Preparation: 3510C

TCLP

Lab Sample ID: LB 600 13990/1 C Analysis Ratch: 600 14145 Instrument ID. MSD2348 Client Matrix: Waste Prop Batch 800-14019 Lab File ID: Z0428907.D Dilution 10 Units: ug/L Initial Weight/Volume: 1005 mL 04/20/2009 1915 Date Analyzed. Final Weight/Volume: 1.00 mL 04/27/2009 1126 Date Prepared: 10 1/ Injection Volume.

Leachate Balch: 600-13990

Analyte Result Qual KIM RI 10 υ 1,4-Dichlorobenzene 1.3 1.3 2.4-Dinitrotoluene 0.95 U 0.95 10 2,4,5-Inchlorophenol 1.3 IJ 1.3 10 10 2,4,6-Trichlorophenol 0.92 U 0.922 Methylphenol 1.0 10 u 10 3 & 4 Methylphenol 1.9 Ü 19 20 Hexachlorobenzene 0.90 U 0.90 10 I lexachiorobuladione 10 1 1 U 1.1 1.2 Liexachloroethane U 12 10 Nitrobenzene 1.2 U 1.2 10 Pentachlorophenol 0.89 U 0.8950 Fyridine 1.0 u 1.0 10

Surrogale	% Rcc	Acceptance Limits
Phenol-dG	36	10 94
Nitrobenzene-d5	06	35 - 114
2 Fluorophenol	56	21 - 100
2-Fluorobiphenyl	92	43 116
2.4,8-Tubromophemol	92	10 123
Terphenyl-d14	93	33 - 141

Client. Noltex LLC

Job Number: 600-9786-1

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 600-14019

Method: 8270C Preparation: 3510C

LCS Lab Sample (D: LCS 600-14019/2-A

Analysis Batch: 600-14145

Instrument ID Lab File ID:

MSD2348

Chent Malrix

Water

Prop Batch 600-14019

Z0428905.D

Dilution:

1.0

Units: ug/L

Initial Weight/Volume:

1000 mL

Date Analyzed:

04/28/2009 1813

Final Weight/Volume. Injection Volume:

1.00 mil 10 ut

Date Prepared:

04/2//2009 1126

LCSD Lab Sample ID - TCSD 600-14019/3-A Client Matrix:

Water

Analysis Batch: 600 14145 Prep Batch, 600-14019

Instrument ID: Lab File ID.

MSD2348 70428906 D

Dilution.

Initial Weight/Volume:

1000 mL

Date Analyzed:

Units: ug/L

Linal Weight/Volume.

1.00 ml. 10 UL

Date Prepared:

04/28/2009 1844 04/27/2009 1126

Injection Volume

	<u>% Rec.</u>					
LCS	LCSD	l irri(RPD	RPD Limit	LCS Qual	LCSO Qual
90	91	59 - 123	2	20		
90	94	JO - 143	5	20		
73	76	34 - 109	5	20		
74	78	27 - 113	5	20		
95	101	62 - 121	5	20		
92	90	32 - 143	2	- 20		
86	87	42 - 110	2	20		
82	81	55 115	U	.20		
83	101	44 - 142	9	20	.1	
51	42	10 109	19	40		
ι	.CS % Rec	LCSD %	Rec	Accep	lance Limits	
3	19	43		1	0 - 94	
E .	13	81		.3	5 114	
5	ย	61		2	1 - 100	
g)1	87		1	3 116	
9)G	97		1	0 123	
8	18	89		3	3 141	
	90 90 73 74 95 92 86 82 93 51	90 91 90 94 73 76 74 78 95 101 92 90 86 87 82 81 93 101	LCS LCSD Limit 90 91 59 - 123 90 94 30 - 143 73 76 34 - 109 74 78 27 - 113 95 101 62 - 121 92 90 32 - 143 86 87 42 - 110 82 81 55 - 115 93 101 44 - 142 51 42 10 - 109 LCS % Rec LCSD % 30 43 83 81 59 61 91 87 96 97	LCS LCSD Limit RPD 90 91 59 - 123 2 90 94 30 - 143 5 73 76 34 - 109 5 74 78 27 - 113 5 95 101 62 - 121 5 92 90 32 - 143 2 86 87 42 - 110 2 87 81 55 - 115 0 93 101 44 - 142 9 51 42 10 - 109 19 LCS % Rec LCSD % Rec LCSD % Rec 30 43 81 59 61 91 87 96 97	LCS LCSD Limit RPD RPD Limit 90 91 59 - 123 2 20 90 94 30 - 143 5 20 73 76 34 - 109 5 20 74 78 27 - 113 5 20 95 101 62 - 121 5 20 92 90 32 - 143 2 20 86 87 42 - 110 2 20 82 81 55 - 115 0 20 93 101 44 - 142 9 20 51 42 10 - 109 19 40 LCS % Rec LCGD % Rec Accept 30 43 1 83 81 3 59 61 2 91 87 4 96 97 1	LCS LCSD Limit RPD RPD Limit LCS Qual 90 91 59 - 123 2 20 90 94 30 - 143 5 20 73 76 34 - 109 5 20 74 78 27 - 113 5 20 95 101 62 - 121 5 20 92 90 32 - 143 2 20 86 87 42 - 110 2 20 82 81 55 - 115 0 20 93 101 41 - 142 9 20 J 51 42 10 - 109 19 40 LCS % Rec LCSD % Rec Acceptance Limits 39 43 10 - 94 83 81 35 - 114 59 61 21 - 100 91 87 43 - 116 96 97 10 - 123

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Noltex LLC

Job Number: 600-9786-1

P.23/36

Method Blank - Batch: 600-14047

Method: 6010B Preparation: 3010A

Lab Sample ID:	MB 600-14047/1
Client Matrix:	Water
Dilution:	1.0

Analysis Batch: 600-14070 Prop Batch 600-14047

Units: mg/L

2818425097

Instrument ID. I JAICP 61E Lab File ID: T042809

Date Analyzed. 04/28/2009 1008 04/27/2009 1610 Date Prepared:

Initial Weight/Volume: 50 mt Final Weight/Volume 50 mL

Analyte	Result	Qual	MDI.	RL
Silver	0.0012	U	0.0012	0.010
Arsenic	0.0033	U	0.0033	0.010
Barium	0.0016	U .	0.0016	0.020
Cadmin	0.00073	U .	0.00073	0.0050
Chromium	0.0016	ឋ	0.0016	0.010
Lead	0.0029	U	0.0029	0.010
Selenium	0.0042	U	0.0042	0.040

TCLP SPLPE Leachate Blank - Batch: 600-14047

Method: 6010B Preparation: 3010A

TCLP

Lab Sample ID.	LB 600-13990/1-D	Analysis Balch, 600-14070
Client Matrix:	Waste	Prep Batch: 600 14047
Dilution:	1.0	Units: rng/t
Date Analyzed	04/28/2009 1030	·
Date Prepared:	04/27/2009 1610	
Date Leached	04/24/2009 1430	Leachare Barch: 600-13990
Acustos		Describ

malysis Balch. 600-14070 Instrument ID: TJA ICP 61E rep Batch: 600 14047 T042809 Lab File ID: Initial Weight/Volume. 50 niL Jnits: mg/L Final Weight/Volume 50 mt

Result Qual MUL RL Analyte Silver 0.0012 U 0.0012 0.010 0.013 0.00330.010 Arsenic 0.059 0.0016 0.020 Bernari Cadmium 0.00073 0.000730.0050Chromium 0.0016 IJ 0.0016 0 010 0.0029 0.010 Lead 0.0029H 0 014 Sclenium 0.0042 0.040

Calculations are performed before rounding to avoid round off errors in calculated results.

Client, Noltex LLC

Job Number: 600-9786-1

Lab Control Sample - Batch: 600-14047

Method: 6010B Preparation: 3010A

Lab Sample ID: 1 CS 600 14047/2 A

Analysis Batch, 600-14070

Instrument ID: LIA ICP 61F

Client Matrix.

Water

T042809 Lab File ID:

Dilution:

Prop Batch: 600-14047

10

Units: mg/L

Initial Weight/Volume: 50 mL

Date Prepared: 04/27/2009 1610

Date Analyzed. 04/28/2009 1012

Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Silver	0.500	0.507	101	80 - 120	
Arsenic	1 00	1 03	103	80 120	
Barlum	1 00	1 04	104	80 - 120	
Cadmum	0.500	0.516	103	80 120	
Chromium	1 00	1.02	102	80 - 120	
Lead	1 00	1.05	105	80 - 120	
Selenium	1.00	1.02	102	80 - 120	

Client: Noltex LLC

Job Number: 600-9786-1

Method Blank - Batch: 600-14003

Method: 7470A Preparation: 7470A

Lab Sample ID: MD 600-14003/7-A

Analysis Batch 600-14051

Instrument IO Perkin Elmer FIMS-100

Client Matrix:

Waler

Prep Batch: 600 14003

Lab File ID N/A

Dilution:

1.0

Units og/l

Initial Weight/Volume. 40 mL

Date Analyzed Date Prepared:

04/27/2009 1632 04/27/2009 1015 Final Weight/Volume:

40 mL

Analyic

Result

(Jual

MDI

Rŧ

Mercury

0.10

0.021

0.20

TCLP SPLPE Leachate Blank - Batch: 600-14003

Method: 7470A Preparation: 7470A

TCLP

Lab Sample ID:

LB 600-13990/1-B Waste

Instrument IO: Perkin Elmer FIMS 100

Client Matrix: Ollution.

1.0

Analysis Datch: 600-14051 Prep Batch 600-14003

Lab File IU.

Date Analyzed:

04/27/2009 1655

Units ug/L

Initial Weight/Volume: Final Weight/Volume:

40 ml 40 mL

Date Prepared: Date Leached:

04/27/2009 1015 04/24/2009 1430

Leachare Ration 600, 13990

Analyle

Result

Oual

MOL

RL

Mercury

0.094

0.021

0.20

Lab Control Sample - Batch: 600-14003

Method: 7470A Preparation: 7470A

Lab Sample ID: LCS 600 14003/8 ∧

Analysis Balch 600-14051

Prep Balch 600-14003

Instrument ID: Cerkin Elmer FIMS-100

Client Matrix: Dilution:

Water 1.0

Units: ug/l

Lab File ID: N/A

50 ml

Date Analyzed: Date Prepared.

04/27/2009 1634 04/27/2009 1015 Initial Weight/Volume. Final Weight/Volume:

50 mL

Analyte

Spike Amount

Result

% Rec

Limit

Cual

Mercury

3.00

2.78

93

80 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results

TestAmerica Houston

Page 20 of 28

05/07/2009

Client: Noltex LLC

Job Number: 600-9786-1

Method Blank - Batch: 600-14055

Method: 1010 Preparation: N/A

Lab Sample ID:

MB 600-14055/1

Analysis Batch: 600 14055

Instrument ID. No Equipment Assigned

Clien) Matrix:

Waste

Prep Balch, N/A

Lab File ID:

Dilulion

1.0 04/27/2009 1810 Units: Degrees F

Initial Weight/Volume Final Weight/Volume.

1.0 mL

Date Analyzed: Date Prepared.

Analyte

Pesul

Qual

RL 1.0 RL

Flashpoint

>186

1.0

Lab Control Sample - Batch: 600-14055

Method: 1010 Preparation: N/A

Lab Sample ID:

LCS 600-14055/2

Client Matrix:

Waste

1.0

Dilution: 04/27/2009 1810 Date Analyzed.

Date Prepared:

Analysis Batch, 600-14056

Prep Batch: N/A

Units. Degrees F

Instrument ID: No Equipment Assigned

Lab File ID.

Initial Weight/Volume.

Final Weight/Volume. 60 ml.

Analyte

Spike Amount

Result

% Rec.

Limit

Qual

Flashpoint

81.0

82.0

101

96 91 103 09

Calculations are performed before rounding to avoid round-off errors in calculated results.

2818425097

Quality Control Results

P.27/36

Job Number: 600-9786-1

Client Noltex LLC

Matrix Spike - Batch: 600-14529

Method: 9012 Preparation: 7.3.3

Lab Sample ID

600-9786-1

Analysis Batch: 600 14640

U

Instrument ID: WC05 Lachat 1

Client Matrix: Dilution.

Waste 20

Prep Batch 600-14529

Lab File ID:

Date Analyzed:

Units ug/Kg

Initial Weight/Volume:

10 g

Date Prepared.

05/07/2009 1416 05/06/2009 1300

Final Weight/Volume.

250 ml

Analyte

Sample Result/Qual

Spike Amount

Result

% Rec.

Qual

Reactive Cyanade

1000000

41800

Laccut

18

0 - 100

Duplicate - Batch: 600-14529

Method: 9012

Preparation: 7.3.3

Lab Sample ID Clical Malax

600 9786-1

Waste

Dilution:

1.0

Date Analyzed. Date Prepared:

05/07/2009 1416

Units. ng/Kg

Instrument ID: WC05 Lachat-1

Lab File (D: N/A

Initial Weight/Volume 10 g 250 ml Final Weight/Volume:

05/06/2009 1300

Analyte

Sample Result/Qual

Analysis Batch: 600-14640

Prep Batch: 600-14529

Result

RPD

Limit

Qual

Reactive Cyanide

IJ

18

NC

20

U

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client Nollex LLC

Job Number: 600 9786-1

Method Blank - Batch: 600-14529

Method: 9034 Preparation: 7.3.4

Lab Sample ID.

MB 600-14529/1-A

Chort Matrix

Waste 1.0

Dale Analyzed: Date Prepared:

Dilution:

05/07/2009 1409

05/05/2009 1300

Analysis Batch: 600-14638 Prep Batch: 600-14529

Units: mg/Kg

Instrument ID: No Equipment Assigned

Lab File ID.

Initial Weight/Volume 10 ml

Final Weight/Volume

250 mL

Analyte

Result

Qual

MDI.

RL

Reactive Sulficte

14

14

50

Lab Control Sample - Batch: 600-14529

Method: 9034 Preparation: 7.3.4

Lab Sample IO:

LCS 600 14529/2 A Waste

Client Matrix: Dilution.

10

Date Analyzed: Date Prepared. 05/07/2009 1409

05/06/2009 1300

Analysis Batch, 600-14638 Prep Balch 600 14529

Units mg/Kg

Instrument IO:

No Equipment Assigned

Lab File ID: N/A

Initial Weight/Volume: 10 mL

Final Weight/Volume: 250 mL

Analyte

Spike Amount

Result

% Rec

Limit

Readive Sollide

Qual

1840

910

49

0 - 100

Matrix Spike - Batch: 600-14529

Method: 9034 Preparation: 7.3.4

Lab Sample ID:

600-9786 I

Client Matrix:

Date Analyzed.

Date Prepared:

Waste

10

05/07/2009 1409 05/06/2009 1300

Prep Batch: 600 14529

Analysis Balch, 600-14638

Units. mg/Kg

Instrument ID. No Equipment Assigned

Lab File ID. N/A

Initial Weight Volume

10 a

250 mL Final Weight/Volume.

Analyte

Dilution:

Sample Result/Qual

Spike Amount

Result

% Rec.

Limit

Qual

Reactive Sulfide

1840

970

0 100

Calculations are performed before rounding to avoid round-off errors in calculated results

TestAmerica Houston

Page 23 of 28

05/07/2009

Client: Noltex LLC

Job Number: 600-9786-1

Duplicate - Batch: 600-14529

Method: 9034 Preparation: 7.3.4

Lab Sample ID: 600 9786 1 - -

Analysis Batch: 600-14608

Instrument ID. No Equipment Assigned

Client Marrix: Dilution

Waste 10

Prop Balch 600-14529

Lab File IO:

Initial Weight/Volume:

10 g

Date Analyzed. 05/07/2009 1409 Date Prepared: 05/06/2009 1300

Units: mg/Kg

Final Weight/Volume.

250 mL

Analyte

Sample Result/Qual

Result

RPD

Limit

Qual

Reactive Sullide

30.0

29

20

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client Noltex LLC

Job Number 600-9786-1

Lab Control Sample - Batch: 600-14223

Method: D240-87 Preparation: N/A

Lab Sample ID: LCS 600-14223/1

Waste

Client Matrix. Dilution.

1.0

04/29/2009 1645 Date Analyzed: Date Prepared:

N//\

Analysis Hatch 600-14223

Prep Batch: N/A

Units RTU/lb

Instrument IO: No Equipment Assigned

Lab Ede ID N/A

Initial Weight/Volume: 0.0050 g

Final Weight/Volume:

10 mL

Analyte

Spike Amount

Result

% Rec.

Limit

Qual

BTU

11400

11100

98

90 - 110

Calculations are performed before rounding to avoid round-off errors in calculated results

DATA REPORTING QUALIFIERS

.LC

Job Number: 600-9786-1

	Qualifior	Description
	U	Indicates the analyte was analyzed for but not detected.
Α		
	υ	Indicates the analyte was analyzed for but not detected.
	J	Result is loss than the RL but greater than or equal to the MDL
		and the concentration is an approximate value.
	н	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL
		and the concentration is an approximate value.
у		
-		
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
		and the concentration is an approximate value.

CHAIN OF CUSTODY RECORD

Loc: 500 9786 #2

Page:

505-5765-A-2

THE LEADER IN ENVIRONMENTAL TESTING Testamerica Laboratories, Inc.

Customer	Information			Project In	formatic	מכ		1	An	aly	sis/]	Veth	ods	5					•				
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Company:	Noltex, LLC			Eil. To:		No:tex, LLC C			С	TLC	:2-14	atals (6010	747	31		M						
Report to:	Joy Snedgrass			Invoice AT	TN:	Jey Shod	lgrass		D.	RC							N	<u> </u>					
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E-mail:	Joy Shodgrass	s@noltex.ccm						noltex.com	H								Ř.	Ī					
Phone:	281-842-5039			Fhone:	_	281-842-			ſ								Cth	a:					
Fax:	281-842-5097			Fax.		281-842-	5097		J														
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Tactomerica	Laboratories	5310 Rothway Dri	ve, Sui;e 130		Hauston.	TX 77040			Fħ	one:	713.	5 90.4	444						9	Fax:	713.6	90.5£	34 5

ML Project Manager:

EPAHO082001966

Neil Rodrigue

713-358-2006

Login Sample Receipt Check List

2818425097

Client: Noltex LLC

Jub Number: 600-9785-1

Login Number: 978G

List Source: TestAmorica Houston

Creator: Clarke, Michael (Mike) C

List Number: 1

Question		I / F/ NA	Comment	
Radioactivity either was not measured or, if measured background	I, is at or below	True		
The cooler's custody seal, if present, is intact.		True		
The cooler or samples do not appear to have been contampored with.	empromised or	True		
Samples were received on ice.		lane		
Cooler Temperature is acceptable.		True		
Cooler Temperature is recorded.		True	4.7	
COC is present.		lme		
COC is filled out in ink and legible.		True		
COC is filled out with all pertinent information		True		
There are no discrepancies between the sample IDs of the COC	on the containers and	true		
Samples are received within Holding Time.		True		
Sample containers have legible labels.		frue		
Containers are not broken or leaking		hoe		
Sample collection date/times are provided.		True		
Appropriate sample containers are used		True		
Sample bottles are completely filled		true		
There is sufficient vol. for all requested analyses, incl. MS/MSDs	any requested	True		
VOA sample vials do not have headspace or bubble is diameter.	s 46mm (174°) in	Truo		
If necessary, staff have been informed of any short he needs	ld firne or quick TAT	Truc		
Mulliphasic samples are not present		True		
Samples do not require splitting or compositing.		True		



ANALYTICAL REPORT

Job Number: 600-9786-2

SDG Number:

Job Description: Supplemental Report MO810194-003 & -009

For: Noltex LLC 12220 Strang Road La Porte, TX 77571-9740

Attention: Ms. Joy Snodgrass

Neil a Rodrigue

Approved for release New A. (Codingui) Project Manages, 8 5:29/2009 2:53 PM

Neil A Rodrigue
Project Manager II
neil.rodrigue@testamericainc.com
05/29/2009

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Houston Certifications and Approvals: TX NELAP T104704223-06-TX, ARDEQ 88-0759, LADEQ 01967, OKDEQ 9503, UT DOH GULF

TostAmerica Laboratorios, Inc.

Test/merica Houston 6310 Rothway Street, Houston, FX 77040 Let (713) 690-4444. Fax (713) 690-5646. www.leslamericainc.com



Job Narrative G00-J9786-2

Comments

Supplemental report, subcontracted corrosivity analysis report is attached.

Page 2 of 3

05/29/2009

Certificate of Analysis

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9798-2 (Drum # M9810194-0			<u>0 83</u>	

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CES Environmental Services, Inc.

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Customer	: KMCO, Inc.				Driver :	Abreu, Wilfe	rido
Address	: 16503 Rams	ey Rd.			Helper :	<u>599</u>	
City,State,Zip	: Crosby TX , 7	77532			Date:	6/22/2009	Time: <u>0430</u>
CES Contact	:_0-				Truck #	<u>289</u>	Trailer # <u>256</u>
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Onsite Contact:	: Jerry Diese @	713-906-	4934 or 1	Bill Glushko @ (281	635-1114		
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Vehicle Inspection Report, Truck Unit #: Date: **Beginning Miles Ending Miles** Location: Pre Post Pre Post Post Pre Hydraulic Oil Motor Oil Transmission Windshield Washer Coolant **Fuel** Pre Post No Defects Noted If items needs repaired, check below and provide information in the comment section. Post Pre Post Pre Post Pre 4" to 3" All gauges and interior lights Hom 3" to 2" Low air buzzer and warning light Windshield Wipers Registration and Insurance Seat 3" Double Male Windshield free of cracks Seat Belts 2" Double Male Heat/Defroster and A/C Clutch Free Play At Least 1/2" 3" Double Female Door latches Radio 2" Double Female Mirrors Interior is Clean Fire Extinguisher Warning Triangles Pre Post Pre Post Pre Post Service Brake **Exhaust System** Fifth Wheel Parking Brake Suspension Fifth Wheel Latch Drain Air Tanks Steering Pogo Stick Air System, Audible Leaks Fuel Tanks and Lines Trailer Light Plug and Cord Headlights Hydraulic Lines/Tank Trailer Air Lines Marker Lights Motor Glad Hands Brake Lights Transmission **Fenders** Hazard and Turn Signals Rear End/Drive Line Mudflaps **Body Damage** Wheels/Rims Radiator/Coolant Leaks Tires and realizations is the state of the control of the state Above defects have been corrected Above defects need not be corrected for the safe operation of the vehicle. **Mechanic Comments** Date Driver's Signature Mechanic's Signature Date **Driver's Review Signature** Date

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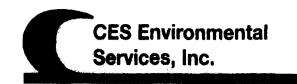
CES Environmental Services, Inc.

JOB INFORMATION PROFILE

Folder ID :	Socotherm La E Nonhaz Wastew	•	elds St-Channelvi	ew)		
Custome	r : <u>Socotherm LaB</u>	arge, LLC		Driver :	Abreu, Wil	frido
Addres	s: 817 Shields			Helper :		
City,State,Zij	p : <u>Channelview T</u>	(<u>, 77530</u>		Date :	6/22/2009	Time: 2nd
CES Contac	et : <u>() -</u>			Truck#	<u>289</u>	Trailer # 256
Job Des	cription :					
	「AND HEAVY @ / McCarty(you will b					
**scale tickets cannot be bille	•	re there is a cop	py of BOTH light and	d heavy wei	ghts for this I	oad or
SITE CONTAC	CT: Ben 281-594-6	635				
NEED 80' OF I	HOSE					
l) Contact Ben	n PRIOR to pumpir	g out WASTEW	/ATER or pre-mixing	g .		
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CUSTOM	87942 IER INFORMATION OURS: SI] IIPPING/RECEIV	ING CONTACT:	ĀF	TER HOURS CO	DNTACT:
Open :	07:00 AM	Name:	Ben		Name:	Jose
Close:	03:00 PM	Number:	(281) 594-6635		Number:	(713) 519-7975
RECEIVII	NG INFORMATION					
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YES	□ NO	CUSTOMER	RENTED BOX:	YES	☐ NO		
80'		DRI	UM DOLLY NEED	ED:	YES	NO	
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☐ NO	IF YES,	HOW MANY	?	0			
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Page 2 of 2



4904 Griggs Road Houston TX 77021 Tel. (713) 676-1460 Fax. (713) 676-1460

Waste Pre-Acceptance/Approval Letter

Date 7/14/2009

Dear Nelson Fetgatter

Thank you for choosing CES Environmental Services, Inc. for you waste disposal and/or recycling needs. The following waste stream has been approved at our facility in Houston, TX. If the waste received does not conform to the profile, then rejection or additional charges may apply.

CES Profile # HOU-3423

Expiration Date 7/14/2011

Generator: Bioselect Fuels, Inc

Address: 4800 Old Port Industrial Rd

Galveston, TX

Waste Information

Name of Waste: Used BioDiesel Filters

TCEQ Waste Code #: Recycle

Container Type:

25 yd. box

Detailed Description of Process Generating Waste:

Filters were used to filter the biodiesel from tank #1 to tank #2

Color: Yellowish

Odor: Mild

pH: Na

Physical State:

Incompatibilities: See MSDS

Safety Related Data/Special Handling:

PPE

If you have any questions concerning this approval and/or the conditions, then please feel free to contact our office at (713) 676-1460.

Thank you,

Matt Bowman, President CES Environmental Services, Inc.



4904 Griggs Road Phone: (713) 676-1460 Houston, TX 77021 Fax: (713) 676-1676

http://www.cesenvironmental.com

TCEQ Industrial Solid Waste Permit No: 30948 U.S. EPA ID No: TXD008950461 ISWR No: 30900 Rectele Bouter

SECTION 1: Gene				
Company: Address:	BioSelect (Galveston Bay BioDiesel) 4828 Old Port Industrial Road			
City, State, Zip:	Galveston, Texas 77554			
Contact:	Steve Sams	Title:	Auth Bro	oker For Generator
Phone No:	281-838-3400	Fax No:	281-424-	
24/hr Phone:	281-838-3400			
U.S. EPA I.D. No:	TXR000079137			
State I.D.	88510	SIC Code:		
SECTION 2: Billin Company: Address:	ng Information — Same as Above Phoenix Pollution Control & Environmental S 4808 Fairmont Parkway #274	ervices, Inc.		
City, State, Zip:	Pasadena, Texas 77505			
Contact:	Connie Fetgatter Title:	Accounting		
Phone No:	281-838-3400 Fax No	: <u>281-424-774</u>	8	
Name of Waste: U	eral Description of the Waste sed BioDiesel Filters on of Process Generating Waste: Filters were	used to filter the bi	odiesel fron	n tank #1 to tank #2.
Physical State:	☐ Liquid ☐ Sludge ☐ Filter Cake	Powder Combination	on	
Color: Yellowish	Odor: <u>Mild</u>			
Specific Gravity (w	vater=1): N/A Density: N/A lb	s/gal		
Does this material	contain any total phenolic compounds?	les 🛭 No		
Does this material	contain any para substituted phenolic compo	ounds? 🗌 Yes 📗	⊠ No	
Layers:	⊠ Single-phase ☐ Multi-phas	e		
Container Type: Container Size:	Drum Tote	Truck		Other (explain) 25 Yd. Box
Frequency: Number of Units (Texas State Waste		Quarterly		Yearly
Proper U.S. DOT		MRCRA IN	on DiT	Regulated Material (Oily Fil
Class: NA	UN/NA: NA	10.0	VA	RQ: NA

Approval Number: _

Flash Point	рН	Reactive Sulfides	Reactive Cyanide		
N/A	N/A	N/Amg/I	N/Amg/I	1009	%
Oil&Grease N/Amg/l	TOC N/Amg/I	Zinc N/Amg/I	Copper N/Amg/I	Nickel N/Amg/I	
MVwR.	TAUM A.	I MyseR.	I IVAIIIZI	1 Wanter	
SECTION 4: Ph	ysical and Chemic	cal Tiata			
SECTION V. A.					
T		NENTS TABLE of the following materials		are acceptable	Units or %
Filters	TO THE VOLUME	N HIS TAIRS IN THE THREE STATES	1000	are meetings.	100%
111003					100/0
*					
					+
	<u> </u>				
	fety Related Data				
-	f this waste requir	res the use of special protective	equipment, please exp	dain.	
PPE					
SECTION 6: At	tached Supporting	o Documents			•
			·	·	I
DDD		d/or analysis attached to this fo	orm as part of the waste	e approvai paci	kage.
MSD	7				•
SECTION 7: In	compatibilities				
	ompatibilities (if a				
PDE SEE		шу):			
See	N(>レ)				
SECTION 8: Ge	nerator's Knowk	edge Documentation			
T - L - watermy nmal		ous waste characteristics, lister	A halaw WAS NOT PE	PEODMED by	esed upon the following
generatory analy		OUS WASIC CHAIACICI ISHUS, 115100	U DCIUW, WAS AVELED	ATOMINED U	wen about the tollown-9
Renerator wire	ruge.				
TCLP Metals:	$\frac{\mathbf{X}}{\mathbf{X}}$				
TCLP Volatiles:					
TCLP Semi-Vola					
Reactivity: Corrosivity:	A Y				
Ignitability:	<u>X</u> <u>X</u> X				
18m	2.2				
SECTION 9: G	enerator's Certific	cation			
The information	contained herein is	s based on 🛛 generator knowled	dge and/or 🔲 analytical	data. I hereby	certify that the above an
attached descripti	ion is complete ar	nd accurate to the best of my l	knowledge and ability to	to determine tha	at no deliberate or willfu
omissions of con	nposition properties	es exist and that all known or su	uspected hazards have be	een disclosed.	I certify that the material
tested are represe	ntative of all mater	rials described by this document.	•		
Authorized Sign	ature.		Da	ate: <u>7/14/</u> 09	
•					
Printed Name/T	itle: 57we 5	Dims / AUTH. BROKER F	FOR GENERATOR.		
CES USE ONLY (D	O NOT WRITE IN T	HIS SPACE)	1		
Compliance Office	-Value	8 hard	I		
	_		İ		
Date: 7-1	4-09	Approved Rejected			

SE	CTION 10: Waste Receipt Classification Under 40 CFR 437
Is t	this material a wastewater or wastewater sludge? YES NO
If '	Yes', complete this section.
PL	EASE CHECK THE APPROPRIATE BOX. IF NO APPROPRIATE CATEGORY, GO TO THE NEXT PAGE.
<u>Meta</u>	ils Subcategory: Subpart A
	Spent electroplating baths and/or sludges Metal finishing rinse water and sludges Chromate wastes Air pollution control blow down water and sludges Spent anodizing solutions Incineration wastewaters Waste liquid mercury Cyanide-containing wastes greater than 136 mg/l Waste acids and bases with or without metals Cleaning, rinsing, and surface preparation solutions from electroplating or phosphating operations Vibratory deburring wastewater Alkaline and acid solutions used to clean metal parts or equipment
Oils :	Subcategory: Subpart B
	Used oils Oil-water emulsions or mixtures Lubricants Coolants Contaminated groundwater clean-up from petroleum sources Used petroleum products Oil spill clean-up Bilge water Rinse/wash waters from petroleum sources Interceptor wastes Off-specification fuels Underground storage remediation waste Tank clean-out from petroleum or oily sources Non-contact used glycols Aqueous and oil mixtures from parts cleaning operations Wastewater from oil bearing paint washes
Orga	anics Subcategory: Subpart C
	Landfill leachate Contaminated groundwater clean-up from non-petroleum sources Solvent-bearing wastes Off-specification organic product Still bottoms Byproduct waste glycol Wastewater from paint washes Wastewater from adhesives and/or epoxies formulation
Ħ	Wastewater from organic chemical product operations Tank clean-out from organic, non-petroleum sources

(1)	If the waste contains oil and grease	at or in excess of 100 mg/L,	the waste should be	e classified in th	e oils subcategory.
-----	--------------------------------------	------------------------------	---------------------	--------------------	---------------------

(2) If the waste contains oil and grease less than 100 mg/L, and has any of the pollutants listed below in concentrations in excess of the values listed below, the waste should be classified in the metals subcategory.

Cadmium: 0.2 mg/L Chromium: 8.9 mg/L Copper: 4.9 mg/L Nickel: 37.5 mg/L

(3)	If the waste contains oil and grease less than 100 mg/L, and does not have concentrations of cadmium, chromium, copper, or
	nickel above any of the values listed above, the waste should be classified in the organics subcategory.

	Metals Subcategory
	Oils Subcategory
П	Organics Subcategory

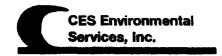
SECTION 11: Additional Instructions

If you cannot determine the correct subcategory in Section 9 and you did not furnish data for the concentration of Cadmium, Chromium, Copper, Nickel, and Oil and Grease, CES will send offsite to a commercial laboratory a sample to determine these concentrations. This will be prior to acceptance. The generator will be responsible for the cost of the analysis.



PROCESS FACILITY INFORMATION (CES USE ONLY!!)

1.	Base Pricing (including freight):
	#95/yard
2.	Contamination Limits (maximum limit before surcharges apply):
_	
3.	Surcharge Pricing:
	Special Testing Requirements:
4.	Special resting Requirements:
5.	Treatment and Handling Protocol:
	Take to Oily Filtons Disposal facility
6.	Treated Wastewater Discharge Subcategory:
	☐ Subcategory A ☐ Subcategory B ☐ Subcategory C



PROCESS FACILITY INFORMATION (CES USE ONLY!!)

/-	Tests for Product Recovered/Recycled (if applicable):
8.	Management for Product Recovered/Recycled (if applicable);
١	



Revision: 001 Issued: June 30, 2006

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

General Product Name: Biodiesel

Product Description: Blend

Synonyms: Methyl Soyate, Rapeseed Methyl Ester, Methyl Tallowate, Fatty Acid Methyl

Ester, Vegetable Oil Methyl Ester, Methyl Ester, Palm Kernel Oil Methyl Ester

CAS Numbers:

Methyl Sovate: 67784-80-9

Rapeseed Methyl Ester: 73891-99-3

Methyl Tallowate: 61788-71-2

Vegetable Fatty Acid Methyl Ester: 68990-52-3

C14-18 & C16-18

Unsaturated Alkylcarboxylic Acid Methyl Ester: 67762-26-9

Palm Kernel Fatty Acid Methyl Ester: 91051-32-0 Fatty acids, C8-C18, methyl ester: 68937-84-8

Methyl Laurate: 111-82-0 Methyl Myristate: 124-10-7 Methyl Oleate: 112-62-9 Methyl Palmitate: 112-39-0 Methyl Caprate: 110-42-9 Methyl Stearate: 112-61-8 Methyl Caprylate: 111-11-5

Company Information

Organic Fuels, LTD

One Riverway, Suite 2053

Houston, TX 77056

USA

Product Information: (713) 979-2600 Fax: (713) 456-2151

2. COMPOSITION/INFORMATION ON INGREDIENTS

This product may contain 0%-100% of the Product identified above. This product contains no hazardous materials.

3. HAZARDS IDENTIFICATION

Potential Health Effects:

EYE CONTACT:

May cause eye irritation.

INHALATION:

Negligible at ambient temperature. Vapors produced by heating, or finely misted materials may irritate the mucous membranes and cause dizziness, and nausea.

SKIN CONTACT:

Prolonged or repeated contact is not likely to cause significant skin irritation. Thermal burns are possible on contact with material at elevated temperatures. INGESTION:

Page 1 of 5



Revision: 001 Issued: June 30, 2006

No hazards are anticipated from ingestion incidental to industrial exposure.

4. FIRST AID MEASURES

EYES:

After initial flush, remove any contact lenses, and continue to flush eyes with water for at least 15 to 20 minutes. Seek medical attention if irritation develops or persists.

INHALATION:

Remove to fresh air. Seek medical attention if symptoms persist.

SKIN:

Wash affected areas of the body with soap and water.

INGESTION:

Give one or two glasses of water to drink. If gastro-intestinal symptoms develop, consult medical personnel. (Note: Never give anything by mouth to an unconscious person.)

5. FIRE FIGHTING MEASURES

Flammable Properties:

Flash Point (Method Used): 130.0° C min (ASTM 93)

Auto-ignition Temperature: N/A Flammable Limits in Air:

Flammable Limits in

LEL: N/A UEL: N/A

Extinguishing Media:

Dry chemical, foam, halon, carbon dioxide, water spray (fog). Note: Water stream may splash the burning liquid and spread fire.

Special Fire Fighting Procedures:

Use water spray to cool drums exposed to fire.

Unusual Fire and explosion Hazards:

Oil soaked rags can cause spontaneous combustion if not handled properly. Before disposal, wash rags with soap and water and dry in well ventilated area.

Fire Fighting Instructions:

Evacuate non-emergency personnel to a safe area. Firefighters should use self-contained breathing apparatus to avoid exposure to smoke and vapor.

6. ACCIDENTAL RELEASE MEASURES SPILL CLEAN-UP PROCEDURES

Remove sources of ignition, contain spill to smallest area possible. Stop leak if possible. Pick up small spills with absorbent materials such as paper towels, "Oil Dry", sand or dirt.

Recover large spills for salvage or disposal. Wash hard surfaces with safety solvent or detergent to remove remaining oil film. Greasy nature will result in a slippery surface.

7. HANDLING AND STORAGE

Store in closed containers at temperatures between 50°F and 120°F, and keep away from oxidizing agents, excessive heat, and ignition sources. Store and use in well ventilated areas. Do not store or use near heat, spark, or flame. Store out of the sun.



Revision: 001 Issued: June 30, 2006

Do not puncture, drag, or slide container. Drum is not a pressure vessel; never use pressure to empty.

Only use hoses and gaskets that are made of fluorinated polyethylene, fluorinated polypropylene, Teflon, Teflon lined, or Viton®. Use of nitrile, natural rubber, or Buna-N type rubbers, which are commonly found in fuel systems, is only allowed for blends of petroleum diesel with concentrations of biodiesel below 20%.

For blends higher than 20% biodiesel only steel, mild steel, stainless steel, aluminum, fluorinated polyethylene fluorinated polypropylene and fiberglass vessels are recommended. Use of tanks or lines made of brass, bronze, and copper or lead, tin, and zinc (i.e. galvanized) may cause sediment formation and filter clogging and are not recommended.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

ENGINEERING CONTROLS:

Use only with adequate ventilation. Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower.

RESPIRATORY PROTECTION:

If vapors or mists are generated, wear a NIOSH approved organic vapor/mist respirator. PROTECTIVE CLOTHING:

Safety glasses, goggles, or face shield recommended to protect eyes from mists or splashing. PVC coated gloves recommended to prevent skin contact.

OTHER PROTECTIVE MEASURES:

Employees must practice good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pale Yellow Liquid with slight solvent smell

Odor: Mild Boiling Point: >200°C

Vapor Pressure: <2 mm Hg: Vapor Density: >1 (Air=1) Solubility in Water: Insoluble

Specific Gravity: 0.88 (Water=1) % Volatiles: <2% by Volume <1 (Butyl Acetate=1)

Evaporation Rate:

10. STABILITY AND REACTIVITY

GENERAL:

This product is stable and hazardous polymerization will not occur.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:

Avoid contact with strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCT:

Combustion produces carbon monoxide and carbon dioxide along with



Revision: 001 Issued: June 30, 2006

thick smoke.

11. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Waste may be disposed of by a licensed waste disposal company. Contaminated absorbent material may be disposed of in an approved landfill. Follow local, state and federal disposal regulations.

12. TRANSPORT INFORMATION

UN HAZARD CLASS: N/A

This product is not regulated by the U.S. department of Transportation (DOT)

NMFC (National Motor Freight Classification): PROPER SHIPPING NAME: Fatty acid ester

IDENTIFICATION NUMBER: 144920 SHIPPING CLASSIFICATION: 65

13. REGULATORY INFORMATION:

OSHA STATUS:

This product is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. However, thermal processing and decomposition fumes from this product may be hazardous as noted in Sections 2 and 3. TSCA STATUS:

This product is listed on TSCA.

CERCLA (Comprehensive Response Compensation and Liability Act):

NOT reportable.

SARA TITLE III (Superfund Amendments and Reauthorization Act):

Not Extremely Hazardous Substances under Section 312

Non-hazardous under Section 311/312

Not a Toxic Chemical under Section 313

RCRA STATUS:

If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste, (40 CFR 261.20-24)

CALIFORNIA PROPOSITION 65:

The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986. This product contains no chemicals known to the state of California to cause cancer.

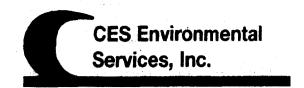
14. OTHER INFORMATION:

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to the best of the company's knowledge and believed accurate and



Revision: 001 Issued: June 30, 2006

reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitableness and completeness of such information for his own particular use.



4904 Griggs Road Houston TX 77021 Tel. (713) 676-1460 Fax. (713) 676-1460

Waste Pre-Acceptance/Approval Letter

Date 7/15/2009

Dear Control Room

Thank you for choosing CES Environmental Services, Inc. for you waste disposal and/or recycling needs. The following waste stream has been approved at our facility in Houston, TX. If the waste received does not conform to the profile, then rejection or additional charges may apply.

CES Profile # HOU-3427

Expiration Date 7/15/2011

Generator: Noltex

Address: 12220 Strang Road (Attn: Randy Boeding)

La Porte, TX 77571

Waste Information

Name of Waste: Non-hazardous filters (MeAc Feed Filters, East Filter Press Filt

TCEQ Waste Code #: 00053101

Container Type:

Detailed Description of Process Generating Waste:

Non-Haz filters, pads, and absorbent from EVOH manufacturing facility

Color: varies

Odor: alcohol pH: 6-8

Physical State:

Incompatibilities: Strong oxidizers
Safety Related Data/Special Handling:

Standard PPE

If you have any questions concerning this approval and/or the conditions, then please feel free to contact our office at (713) 676-1460.

Thank you,

Matt Bowman, President CES Environmental Services, Inc.



4B/mm

Houston

V	CES Environr			-				nvironmental Serv			ty	
		ggs Road, Ho				1		20 S. Gulfway Dr.,	•		,	1
US EDAIN	Phone (713) Number: TXD		, ,	6/6-16/6 Jumber: 309	00	1		ne (713) 676-1460 Jumber: TXR00007		676-1460 WR Numbi		
	EQ Industrial					V P.A	.,,,,,,	MINUTE I ANCARA	#.5C// 1.3C	VK (TOILID	er. 20.	ا دود
SECTION 1	Compression	Informatio										
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Address:	12220 Str							a de la companya de la companya de la companya de la companya de la companya de la companya de la companya de				
City:	LaPorte			St	ste:	TX		Zip:			7	7571
Contact:	L. Kristine	Aparicio				Title:		FHS&S Manage				
Phone Nur	nber:	281-842	-5065			fax Numb	er:	281-842-5007				
24/hr Phon	e Number:	281-842	-5035									
US EPA ID	No:	TXR000	011106					<u> </u>				
State ID No	: :		· · · · ·		84348	SIC Code:		2821, 2869				
SECTION 2: Company:	Billing Info	rmation -	☑ <u>S</u>	ime as Abo	ve .							
Address:												
City:					ate:	Tisler		. Zip:				
Contact: Phone Num	<u>.</u>					Title: Fax Numb						
FROME NUM	iver.					THE MUMB	£					
SECTION 3:	General De	scription	of the Was	te								
Name of W					Feed Filt	ers, East Fi	iter	Press Filters, Me	OH Feed Fi	ters)		
Detailed De	scription of	Process G	enerating ¹	Waste:								
Non-Haz Fil	ters, Pads, a	nd absorbe	ent from E	VOH manuf	acturing	facility						
Dharinal Con		Linuid		e.	, alas		_	Powder				
Physical Sta		Liquid Solid		_	idge ter Cake	1		Combination				
	۷	30110		1 1 4.00	rei care	1		Combination				
Color:	varies					Odor:		alcohol				
Specific Gra	vity (water	=1):	NA					Density: NA	llɔs/	gal		
Does this m	ataulal aaut	oin anu tat	al shanali		.4.3		V	[7] 414				
Does furs m	ateriai cont	ain any tot	iai phenoii	k compour	105:		Yes	☑ No				
Does this m	aterial cont	ain any sa	ra substitu	sted pheno	lic comp	Spunds?		☐ Yes	☑ No			
5023 1113 111	Die la Com	u., ,							<u> </u>			
Is the Waste	e subject to	the benze	ne waste o	peration N	IESHAP?	(40 CFR Pa	ırt 6	i1, Subpart FF)	· 📙	Yes	IJ	No
	-					•		cility is one of th	e following:			
2812	281	.3	2816	2819	2821	2	822	2823	2824	2833		2834
2835	283	G	2841	2842	2843	2	844	2851	2861	2865		2869
2873	287	4	2876	2879	2891	7	89)	2893	2896	2899		2911
3312	495	3	4959	9511								
Layers:	☑ Sìr	ngle-phase	. 🗆	Multi-ph	ase							
Container T	ype: 🗹	Drum	☐ Tote	e 🔲 Tri	uck 🔲	Other (ex	olalı	n)				
		_	. <u> </u>	-								
Frequency:	∐ Weekl	y 🗹 Mor	nthly 🔲		One-Ti	me						
Quantity:				<u> </u>								

		ous Waste" pe nplete, sign and			Ye erdous Constitu		No ached hereto		
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		ed waste or mi st ALL applical		e?	☐ Ye	s 🗸	Nο		
40 CFR 261	.33(e) or (f)?	duct or spill clost	n i □ ·	<u>.</u>	a "U" or "P" w No	raste code u	nder		
	Waste Code		Non RCRA/	00053101	egulated Mate	rial fusar file	-		
Class:	NA	UN/NA:	NA NA	PG:	NA NA	RQ;	NA NA		
Flasi	Point	р	Н	React	lve Sulfides	Reactive	Cyanides	Sol	ids
>217	degF	G-	8	< 100	mg/l	<20	mg/l	100	%
Oil &	Grease	TO	×		Zinc	Co	pper	Nic	kel
NΛ	mg/l	NA.	mg/	NA NA	mg/i	NA	mg/l	NA	mr/l

SECTION 4: Physical and Chemical Data

COMPONENTS TABLE	CONCENTRATOIN	UNITS
The waste consists of the following materials	Ranges are acceptable	or %
Filters, Pads, Absorbent, and debris	90-100	%
Methyl Acetate Residue	0-10	%
Methanol	0-10	9%
	the state of the s	
		i

JUL-15-2009 14:19 From:NOLTEX

SECTION 5: Safety R		
and the second section of the second	s waste requires the use of special protective eq	uipment, picase explain.
standard PPE		
ECTION 6: Attached Supporting Documents ist all documents, notes, data and/or analysis attached to this form as part of the waste pproval package		
SECTION 6: Attache	d Supporting Documents	
List all documents, n	otes, data and/or analysis attached to this form	as part of the waste
approval package.	Materials sampled on 6/1/2009, 6/11/2009	9, 6/14/2009, and 6/15/2009 and
analyzed on 6/11/20	09, 7/8/2009, and 7/10/2009.	
SECTION 7: Incompa	stibilities	
Please list ALL incom	patibilities (if any):	
SECTION A: Generat	or's Knowledge Documentation	
		MAS NOT BEDEODAGED
		OW, WAS NOT PERFORMED
pased upon the follo	wing generator knowledge.	
TCI D Machala	and area should analysical remark	
Reactivity:		
Corrosivity:	see attached analytical report	
lgnitability:	see attached analytical report	
is this ma	· · · · · · · · · · · · · · · · · · ·	LI YES 1 NO
11 10	s , complete this section.	
PLEASE C	HECK THE APPROPRIATE BOX. IF NO APPROPRIATE	CATEGORY, GO TO THE NEXT PAGE.
_ `	-	
Waste liq	uid mercury	
	ids and bases with or without metals	
	rinsing, and surface preparation solutions from elec-	ctroplating or phosphating operations
	deburring wastewater	
I Alkaline a	ind acid solutions used to clean metal parts or equip	pment
Oils Subcategory: Sub	part B	
Used olls		
Oil-water	emulsions or mixtures	
🔲 Lubricant	s	
Coolants		
	nated groundwater clean-up from petroleum source	22
l Used petr ☐ Oil spill cl	roleum products	
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	sh waters from petroleum sources	
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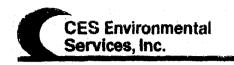
. 2818425097

Interceptor wastes
U Off-specification fuels
Underground storage remediation waste
Tank clean-out from petroleum or oily sources
☐ Non-contact used glycols
Aqueous and oil mixtures from parts cleaning operations
☐ Wastewater from oil bearing paint washes
Organics Subcategory: Subpart C
Landtill leachate
Contaminated groundwater clean-up from non-petroleum sources
Solvent-bearing wastes
Off-specification organic product
☐ still bottoms
Upproduct waste glycol
Wastewater from paint washes
Wastewater from adhesives and/or epoxies formulation
☐ Wastewater from organic chemical product operations
☐ Tank clean-out from organic, non-petroleum sources
(1)
If the waste contains oil and grease at or in excess of 100 mg/L, the waste should be classified in the oils subcategory.
it the waste software of and greate at an excess of 200 mg/c, the waste should be classified in the bias subsactegory.
(2)
If the waste contains oil and grease less than 100 mg/t, and has any of the pollutants listed below in concentrations in
excess of the values listed below, the waste should be classified in the metals subcategory.
Cadmium: 0.2 mg/L
Chromium: 8.9 mg/l
Copper: 4.9 mg/L
Nickel: 37.5 mg/L
If the waste contains oil and grease less than 100 mg/L, and does not have concentrations of cadmium, chromium, copper, or nickel above any of the values listed above, the waste should be classified in the organics subcategory. Metals Subcategory Oils Subcategory Organics Subcategory
SECTION 10 Additional Instructions
SECTION TO ADDITIONS INSTITUTIONS
If you cannot determine the correct subcategory in Section 9 and you did not furnish data for the concentration of Cadmium, Chromium Copper, Nickel, and Oil and Grease, CES will send offsite to a commercial laboratory a sample to determine these concentrations. This will be prior to acceptance. The generator will be responsible for the cost of the analysis.
SECTION 11: Generator's Certification The information contained herein is based on generator knowledge and/or analytical data. I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine that no deliberate or willful omissions of compostion properties exist and that all known or suspected hazards have been disclosed. I certify that the
materials tested are representative of all materials described by this document.
Authorized Signature: Date: 7115/09
Printed Name/Title: Executive Vice President Randall Booding
CES USE ONLY (DO NOT WRITE IN THIS SPACE)
Compliance Officer: Tobbuttand
Date: 7-15-09 Approved Rejected
Approval Number:



PROCESS FACILITY INFORMATION (CES USE ONLY)!!!

\$65/drim + trans+foc	
2. Contamination Limit (maximum limit before surchages apply):	
3. Surcharge Pricing:	
I. Special Testing Requirements:	
i. Treatment and Handling Protocol:	
Class I Solida	



PROCESS FACILITY INFORMATION (CES USE ONLY)!!!

Management for Product Re	ecovered/Recycled (if app	licable)		
lanagement for Product Re	ecovered/Recycled (if app	licable)		
Nanagement for Product Re	ecovered/Recycled (if app	licable)		
Management for Product Re	ecovered/Recycled (if app	licable)		



ANALYTICAL REPORT

Job Number: 600-12026-1

Job Description: Feed Filters TCLP, RCI, BTU 6/25/09

For:
Noltex LLC
12220 Strang Road
La Porte, TX 77571-9740

Attention: Ms. Joy Snodgrass

Neil a Rodrigue

Approved for releas Neil A Rodrigue Project Manager II 7/8/2009 6:56 PM

Neil A Rodrigue
Project Manager II
neil.rodrigue@testamericainc.com
07/08/2009

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Houston Certifications and Approvals: TX NELAP T104704223-06-TX, ARDEQ 88-0759, LADEQ 01967, OKDEQ 9503, UT DOH GULF

TestAmerica Laboratories, Inc.

TestAmerica Houston 6310 Rothway Street, Houston, TX 77040 Tel (713) 690-4444 Fax (713) 690-5646 www.testamericainc.com



Ms. Joy Snodgrass Noftex LLC 12220 Strang Road La Porte, TX 77571-9740 Job Number: 600-12026-1

Client Sample ID:

326 MeOH Feed Filters

Lab Sample ID:

600-12026-1

Date Sampled:

06/25/2009 0930

Date Received:

06/25/2009 1234

Client Matrix:

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: TCLP-8260B			Date A	nalyzed:	06/30/2009 1530	
Prep Method: 5030B			Date P	repared:	06/30/2009 1530	
Benzene	22	U	ug/L	22	100	20
Carbon tetrachloride	22	U	ug/L	22	100	20
Chlorobenzene	18	U	ug/L	18	100	20
Chloroform	18	U	ug/L	18	100	20
1,2-Dichloroethane	22	U	ug/L	22	100	20
1,1-Dichloroethene	23	U	ug/L	23	100	20
2-Butanone (MEK)	32	U	ug/L	32	200	20
Tetrachloroethene	46	U	ug/L	46	100	20
Trichloroethene	2 6	U	ug/L	26	100	20
Vinyl chloride	32	U	ug/L	32	100	20
1,4-Dichlorobenzene	22	U	ug/L	22	100	20
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	100		%		70 - 130	
Dibromofluoromethane	91		%		70 - 130	
Toluene-d8 (Surr)	104		%		70 - 130	
1,2-Dichloroethane-d4 (Surr)	89		%		70 - 130	
Method: TCLP-8270C			Date Ar	nalyzed:	07/01/2009 1620	
Prep Method: 3510C			Date Pr	repared:	06/30/2009 1202	
1,4-Dichlorobenzene	1.3	U	ug/L	1.3	10	1.0
2,4-Dinitrotoluene	0.95	Ú	ug/L	0.95	10	1.0
2,4,5-Trichlorophenol	1.3	U	ug/L	1.3	10	1.0
2,4,6-Trichlorophenol	0.92	U	ug/L	0.92	10	1.0
2-Methylphenol	1.0	U	ug/L	1.0	10	1.0
3 & 4 Methylphenol	1.9	U	ug/L	1.9	20	1.0
Hexachlorobenzene	0.90	U	ug/L	0.90	10	1.0
Hexachlorobutadiene	1.1	U .	ug/L	1.1	10	1.0
Hexachloroethane	1.2	U	ug/L	1.2	10	1.0
Nitrobenzene	1.2	U	ug/L	1.2	10	1.0
Pentachlorophenol	0.89	U	ug/L	0.89	50	1.0
Pyridine	1.0	· U	ug/L	1.0	10	1.0
Surrogate					Acceptance Limits	
Phenol-d6	43		%		10 - 94	
Nitrobenzene-d5	79		%		35 - 114	
2-Fluorophenoi	. 56		%		21 - 100	
2-Fluorobiphenyl	79		%		43 - 116	
2,4,6-Tribromophenol	101		%		10 - 123	
Terphenyl-d14	79		%		33 - 141	

Ms. Joy Snodgrass Noltex LLC 12220 Strang Road La Porte, TX 77571-9740 Job Number: 600-12026-1

Client Sample ID:

#326 MeOH Feed Filters

Lab Sample ID:

600-12026-1

Date Sampled:

06/25/2009 0930

Date Received: 06/25/2009 1234

Client Matrix:

Result/Quali	fler	Unit	MDL	R	RL	Dilution
		Date An	alyzed:	07/02/2009	1518	
		Date Pre	epared:	07/02/2009 (0906	
0.0029	U	mg/L	0.002	29 0	.010	1.0
0.0016	U	mg/L	0.001	16 0	.010	1.0
0.00073	Ų	mg/L	0.000	073 0	.0050	1.0
0.099	В	mg/L	0.001	16 0	.020	1.0
0.010	В	mg/L	0.003	33 0	.010	1.0
0.0012	U	mg/L	0.001	12 0	.010	1.0
0.016	JB	mg/L	0.004	12 0	.040	1.0
		Date An	ałyzed:	07/01/2009	1322	
		Date Pre	epared:	07/01/2009	0848	
0.021	U	ug/L	0.021	1 0	.20	1.0
		Date An	alyzed:	06/30/2009	1348	
		Date Pre	epared:	06/29/2009	1126	
30	J	mg/Kg	14	5	0	1.0
		Date An	alyzed:	06/30/2009	1424	
		Date Pre	epared:	06/29/2009	1126	
18	U		· 18	2	50	1.0
	0.0029 0.0016 0.00073 0.099 0.010 0.0012 0.016	0.0016 U 0.00073 U 0.099 B 0.010 B 0.0012 U 0.016 JB 0.021 U	Date An	Date Analyzed:	Date Analyzed: 07/02/2009 Date Prepared: 07/02/2009 0.0029 U mg/L 0.0029 0 0.0016 U mg/L 0.0016 0 0.00073 U mg/L 0.0016 0 0.099 B mg/L 0.0016 0 0.010 B mg/L 0.0033 0 0.0012 U mg/L 0.0012 0 0.016 J B mg/L 0.0012 0 Date Analyzed: 07/01/2009 Date Prepared: 07/01/2009 Date Prepared: 06/30/2009 Date Prepared: 06/30/2009 Date Prepared: 06/30/2009 Date Prepared: 06/30/2009 Date Prepared: 06/30/2009 Date Prepared: 06/30/2009 Date Prepared: 06/30/2009	Date Analyzed: 07/02/2009 1518

Ms. Joy Snodgrass Nottex LLC 12220 Strang Road La Porte, TX 77571-9740 Job Number: 600-12026-1

Client Sample ID:

323 MeAc Feed Filters

Lab Sample ID: 600-12026-2

Date Sampled:

06/25/2009 0930

Date Received:

06/25/2009 1234

Client Matrix: Solid

	D		Unit			
Analyte	Result/Qu	Result/Qualifier		MDL	RL	Dilution
Method: TCLP-8260B			Date Ar	nalyzed:	06/30/2009 1556	
Prep Method: 5030B			Date Pr	epared:	06/30/2009 1556	
Benzene	22	U	ug/L	22	100	20
Carbon tetrachloride	22	U	ug/L	22	100	20
Chlorobenzene	18	U	ug/L	18	100	20
Chloroform	18	U	ug/L	18	100	20
1,2-Dichloroethane	22	U	ug/L	22	100	20
1,1-Dichloroethene	23	U	ug/L	23	100	20
2-Butanone (MEK)	32	U	ug/L	32	200	20
letrachloroethene	46	U	ug/L	46	100	20
Frichloroethene	26	U	ug/L	26	100	20
/inyl chloride	:32	, U	ug/L	32	100	20
1,4-Dichlorobenzene	22	U	ug/L	22	100	20
Gurrogate					Acceptance Limits	
l-Bromofluorobenzene	107		%		70 - 130	
Dibromofluoromethane	90		%		70 - 130	
oluene-d8 (Surr)	103		%		70 - 130	
,2-Dichloroethane-d4 (Surr)	87		%		70 - 130	
Method: TCLP-8270C			Date An		07/01/2009 1653	:
rep Method: 3510C			Date Pro		06/30/2009 1202	
,4-Dichlorobenzene	1.3	U	ug/L	1.3	10	1.0
,4-Dinitrotoluene	0.95	U	ug/L	0.95	10	1.0
,4,5-Trichlorophenol	1.3	U	ug/L	1.3	10	1.0
,4,6-Trichlorophenol	0.92	U	ug/L	0.92	10	1.0
-Methylphenol	1.0	U	ug/L	1.0	10	1.0
& 4 Methylphenol	1.9	U	ug/L	1.9	20	1.0
lexachlorobenzene	0.90	U	ug/L	0.90	10	1.0
lexachlorobutadiene	1.1	U	ug/L	1.1	10	1.0
lexachloroethane	1.2	U	ug/L	1.2	.10	1.0
litrobenzene	1.2	U	ug/L	1.2	10	1.0
Pentachlorophenoi	0.89	U	ug/L	0.89	50	1.0
yridine	1.0	U	ug/L	1.0	10	1.0
urrogate					Acceptance Limits	
henoi-d6	41		%		10 - 94	
litrobenzene-d5	. 83	E	%		35 - 114	
-Fluorophenol	54		%		21 - 100	
-Fluorobiphenyl	79		%		4 3 - 116	
,4,6-Tribromophenol	90	E	%		10 - 123	
erphenyl-d14	85	E	%		33 - 141	

Ms. Joy Snodgrass Noltex LLC 12220 Strang Road

La Porte, TX 77571-9740

Job Number: 600-12026-1

Client Sample ID:

323 MeAc Feed Filters

Lab Sample ID:

600-12026-2

Date Sampled:

06/25/2009 0930

Date Received:

06/25/2009 1234

Client Matrix:

Analyte	Result/Qual	ifier	Unit	MDL	RL	Dilution
Method: TCLP-6010B			Date Ar	alyzed: 0	7/02/2009 1522	
Prep Method: 3010A			Date Pr	epared: 0	7/02/2009 0906	
Pb	0.0029	U	mg/L	0.0029	0.010	1.0
Cr	0.0025	JB	mg/L	0.0016	0.010	1.0
Cd	0.00073	U	mg/L	0.00073	0.0050	1.0
Ba	0.21	В	mg/L	0.0016	0.020	1.0
As	0.0097	JB	mg/L	0.0033	0.010	1.0
Ag	0.0012	U	mg/L	0.0012	0.010	1.0
Se	0.015	JВ	mg/L	0.0042	0.040	1.0
Method: TCLP-7470A			Date An	alyzed: 0	7/01/2009 1332	
Prep Method: 7470A			Date Pr	epared: 0	7/01/2009 0848	
Mercury	0.021	U	ug/L	0.021	0.20	1.0
Method: 7.4.4			Date An	alyzed: 00	6/30/2009 1348	
Prep Method: 7.3.4			Date Pr	epared: 06	6/29/2009 1126	
Sulfide, Reactive	40	J	mg/Kg	14	50	1.0
Method: 9012			Date An	alyzed: 06	6/30/2009 1424	
Prep Method: 7.3.3			Date Pr	epared: 00	5/29/2009 1126	
Cyanide, Reactive	18	U	ug/Kg	18	250	1.0

Ms. Joy Snodgrass Noltex LLC 12220 Strang Road La Porte, TX 77571-9740 Job Number: 600-12026-1

Client Sample ID:

323 MeAc Feed Filters

Lab Sample ID:

600-12026-2

Date Sampled:

06/25/2009 0930

Date Received:

06/25/2009 1234

Client Matrix: Solid

Analyte	Result/Qua	lifier	Unit	RL	RL	Dilution
Method: 9045C			Date Ana	lyzed: 06/2	9/2009 0830	
рH	7.66	HF	SU	0.0100	0.0100	1.0
Method: D240-87			Date Anal	lyzed: 07/0	7/2009 1645	
BTU	21000		BTU/lb	500	500	1.0
Method: D92			Date Anal	lyzed: 07/0	1/2009 1300	
Flashpoint	>212		Degrees F	1.0	1.0	1.0

Ms. Joy Snodgrass Nottex LLC 12220 Strang Road La Porte, TX 77571-9740 Job Number: 600-12026-1

Client Sample ID:

327 MeOH Feed Filter

Lab Sample ID:

600-12026-3

Date Sampled:

06/25/2009 0930

Date Received:

06/25/2009 1234

Client Matrix:

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: TCLP-8260B			Date Ar	nalyzed:	06/30/2009 1622	
Prep Method: 5030B			Date Pr	epared:	06/30/2009 1622	
Benzene	22	U	ug/L	22	100	20
Carbon tetrachloride	22	U	ug/L	22	100	20
Chlorobenzene	18	U	ug/L	18	100	20
Chloroform	18	U	ug/L	18	100	20
1,2-Dichloroethane	22	Ų	ug/L	22	100	20
1,1-Dichloroethene	23	U	ug/L	23	100	20
2-Butanone (MEK)	32	U	ug/L	32	200	20
Tetrachloroethene	46	Ü	ug/L	46	100	20
Trichloroethene	26	U	ug/L	26	100	20
Vinyl chloride	32	U	ug/L	32	100	20
1,4-Dichlorobenzene	22	U	ug/L	22	100	20
Surrogate					Acceptance Limits	
4-Bromofluorobenzene	101		%		70 - 130	
Dibromofluoromethane	87		%		70 - 130	
Toluene-d8 (Surr)	101		%		70 - 130	
1,2-Dichloroethane-d4 (Surr)	89		%		70 - 130	
Method: TCLP-8270C			Date Ar	nalyzed:	07/01/2009 1727	
Prep Method: 3510C			Date Pr	epared:	06/30/2009 1202	
1,4-Dichlorobenzene	1.3	U	ug/L	1.3	10	1.0
2,4-Dinitrotoluene	0.95	U	ug/L	0.95	10	1.0
2,4,5-Trichlorophenol	1.3	U	ug/L	1.3	10	1.0
2,4,6-Trichlorophenol	0.92	U	ug/L	0.92	10	1.0
2-Methylphenol	1.0	U	ug/L	1.0	10	1.0
3 & 4 Methylphenol	1.9	Ų	ug/L	1.9	20	1.0
Hexachlorobenzene	0.90	U	ug/L	0.90	10	1.0
Hexachlorobutadiene	1.1	U	ug/L	1.1	10	1.0
Hexachloroethane	1.2	U	ug/L	1.2	10	1.0
Nitrobenzene	1.2	U	ug/L	1.2	10	1.0
Pentachlorophenol	0.89	U	ug/L	0.89	50	1.0
Pyndine	1.0	U	ug/L	1.0	10	1.0
Surrogate			Acceptance Limits			
Phenol-d6	45		%		10 - 94	
Nitrobenzene-d5	86	Ε	%		35 - 114	
2-Fluorophenol	60		%		21 - 100	
2-Fluorobiphenyl	81	Ε	%		43 - 116	
2,4,6-Tribromophenol	97	Ε	%		10 - 123	
Terphenyl-d14	85	E	%		33 - 141	

Ms. Joy Snodgrass Noltex LLC 12220 Strang Road La Porte, TX 77571-9740

Job Number: 600-12026-1

Client Sample ID:

327 MeOH Feed Filter

Lab Sample ID:

600-12026-3

Date Sampled:

06/25/2009 0930

Date Received:

06/25/2009 1234

Client Matrix:

Analyte	Result/Qual	fier	Unit	MDL	RL	Dilution
Method: TCLP-6010B			Date An	alyzed: 07/0	2/2009 1537	
Prep Method: 3010A			Date Pre	epared: 07/0	2/2009 0906	
Pb	0.0029	U	mg/L	0.0029	0.010	1.0
Cr	0.0016	U	mg/L	0.0016	0.010	1.0
Cd	0.00073	U	mg/L	0.00073	0.0050	1.0
Ba	0.11	В	mg/L	0.0016	0.020	1.0
As	0.011	В	mg/L	0.0033	0.010	1.0
Ag	0.0012	U	mg/L	0.0012	0.010	1.0
Se	0.017	JB	mg/L	0.0042	0.040	1.0
Method: TCLP-7470A			Date Ana	alyzed: 07/0	1/2009 1334	
Prep Method: 7470A			Date Pre	-	1/2009 0848	
Mercury	0.021	U	ug/L	0.021	0.20	1.0
Method: 7.4.4			Date Ana	alyzed: 06/3	0/2009 1348	
Prep Method: 7.3.4			Date Pre	-	9/2009 1126	
Sulfide, Reactive	30	J	mg/Kg	14	50	1.0
Wethod: 9012			Date Ana	alyzed: 06/3	0/2009 1424	
Prep Method: 7.3.3			Date Pre	pared: 06/2	9/2009 1126	
Cyanide, Reactive	18	U	ug/Kg	18	250	1.0

Ms. Joy Snodgrass Noltex LLC 12220 Strang Road La Porte, TX 77571-9740 Job Number: 600-12026-1

Client Sample ID:

327 MeOH Feed Filter

Lab Sample ID:

600-12026-3

Date Sampled:

06/25/2009 0930

Date Received:

06/25/2009 1234

Client Matrix:

Analyte		Result/Qua	lifier	Unit	RL	RL	Dilution
Method:	9045C			Date Analy		9/2009 0830	
рH	All Sales and Al	6.98	HF	SU	0.0100	0.0100	1.0
Method:	D240-87			Date Analy	yzed: 07/0	7/2009 1645	
BTU		3600		BTU/lb	500	500	1.0
Method:	D92			Date Analy	yzed: 07/0	1/2009 1300	
Flashpoint		>212		Degrees F	1.0	1.0	1.0

METHOD SUMMARY

Client: Noltex LLC

Job Number: 600-12026-1

Description	Lab Location	Method	Preparation Method
Matrix Solid			
Volatile Organic Compounds (GC/MS)	TAL HOU	SW846 8260B	
TCLP Extraction	TAL HOU		SW846 1311
Purge and Trap	TAL HOU		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL HOU	SW846 8270C	
TCLP Extraction	TAL HOU		SW846 1311
Liquid-Liquid Extraction (Separatory Funnel)	TAL HOU		SW846 3510C
Metals (ICP)	TAL HOU	SW846 6010B	
TCLP Extraction	TAL HOU		SW846 1311
Preparation, Total Metals	TAL HOU		SW846 3010A
Mercury (CVAA)	TAL HOU	SW846 7470A	
TCLP Extraction	TAL HOU		SW846 1311
Preparation, Mercury	TAL HOU		SW846 7470A
Reactive Sulfide	TAL HOU	EPA 7.4.4	
Sulfide, Reactive	TAL HOU		SW846 7.3.4
Cyanide, Reactive	TAL HOU	SW846 9012	
Cyanide, Reactive	TAL HOU		SW846 7.3.3
Corrosivity	TAL HOU	SW846 9045C	
Heat of Combustion	TAL HOU	ASTM D240-87	
Flashpoint	TAL HOU	ASTM D92	

Lab References:

TAL HOU = TestAmerica Houston

Method References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Noltex LLC

Job Number: 600-12026-1

Method	Analyst	Analyst ID
SW846 8260B	Liu, Zaifang	ZFL
SW846 8270C	Sundquist, Trevor W	TWS
SW846 6010B	Patel, Silen R	SRP
SW846 7470A	Lige, Derrick C	DCL
EPA 7.4.4	Walker, Gerald (Gerry) C	GCW
SW846 9012	Walker, Gerald (Gerry) C	GCW
SW846 9045C	Puranik, Surendra U	SUP
ASTM D240-87	Puranik, Surendra U	SUP
ASTM D92	Puranik, Surendra U	SUP

QUALITY CONTROL RESULTS

TestAmerica Houston

Client: Noltex LLC

Job Number: 600-12026-1

Method Blank - Batch: 600-17167

Method: 8260B Preparation: 5030B

Lab Sample ID: MB 600-17167/2

Analysis Batch: 600-17167

Client Matrix:

Water

Instrument ID: VOA-V

Prep Batch: N/A

Lab File ID: H18104.D

Dilution:

1.0

Initial Weight/Volume: 5 mL

Date Analyzed: Date Prepared:

06/30/2009 1322 06/30/2009 1322

Units: ug/L

Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Benzene	вы выслед на на на начина подружения по менто на надывать постоя на начина на начина. 1.1	s facilities and marifestations, we see supplied to the security projection assessment supplied to the security of the security projection as supplied to the security project	1.1	5.0
Carbon tetrachloride	1.1	U	1.1	5.0
Chlorobenzene	0.92	U	0.92	5.0
Chloroform	0.92	U .	0.92	5.0
1,2-Dichloroethane	1.1	U	1.1	5.0
1,1-Dichloroethene	1.2	U	1.2	5.0
2-Butanone (MEK)	1.6	U .	1.6	10
Tetrachloroethene	2.3	U	2.3	5.0
Trichloroethene	1.3	· U	1.3	5.0
Vinyl chloride	1.6	U	1.6	5.0
1,4-Dichlorobenzene	1.1	U	1.1	5.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	101	70 - 130
Dibromofluoromethane	93	70 - 130
Toluene-d8 (Surr)	104	70 - 130
1,2-Dichloroethane-d4 (Surr)	90	70 - 130

Client: Noltex LLC

Job Number: 600-12026-1

Method Blank - Batch: 600-17167

Method: 8260B Preparation: 5030B

Lab Sample ID: MB 600-17167/3

Analysis Batch: 600-17167

Instrument ID: VOA-V

Client Matrix:

Water

Prep Batch: N/A

Lab File ID:

H18105.D

Dilution:

Initial Weight/Volume: 5 mL

Date Analyzed:

1.0

Units: ug/L

Date Prepared:

06/30/2009 1347 06/30/2009 1347

Final Weight/Volume:

Analyte	Result	Qual	MDL	RL
Benzene	rangan akan berseber, terese sen manadan sasaran mindah diberdan membenasi saka sasa san 1,1	erijani dilikule irili delaeleriyan raqual orgular orgular. U	indicate melaranta estre a calabata a la macio de conservor. 1,1	5.0
Carbon tetrachloride	1.1	U	1.1	5.0
Chlorobenzene	0.92	U	0.92	5.0
Chloroform	0.92	U	0.92	5.0
1,2-Dichloroethane	1.1	U	1.1	5.0
1,1-Dichloroethene	1.2	υ	1.2	5.0
2-Butanone (MEK)	1.6	U	1.6	10
Tetrachloroethene	2.3	· U	2.3	5.0
Trichloroethene	1.3	U	1.3	5.0
Vinyl chloride	1.6	U	1.6	5.0
1,4-Dichlorobenzene	1.1	U	1.1	5.0
Surrogate	% Rec		Acceptance Limits	

Surrogate	% Rec	Acceptance Limi
4-Bromofluorobenzene	105	70 - 130
Dibromofluoromethane	94	70 - 130
Toluene-d8 (Surr)	103	70 - 130
1,2-Dichloroethane-d4 (Surr)	94	70 - 130

Client: Noltex LLC

Job Number: 600-12026-1

Lab Control Sample - Batch: 600-17167

Method: 8260B

Lab Sample ID: LCS 600-17167/1

Analysis Batch: 600-17167

Preparation: 5030B

Client Matrix:

Water

Instrument ID: VOA-V

Prep Batch: N/A

Lab File ID:

Dilution:

H18102.D

Units: ug/L

Initial Weight/Volume: 5 mL Final Weight/Volume:

06/30/2009 1232 Date Analyzed: Date Prepared: 06/30/2009 1232

Analyte	Spike Amount	Result	% Rec.	Limit	Qual	
Benzene	- 14 ж. Сончетом от от стоя в реседентом образования с образования обра	46.7	endere de land dan etteret met versamen tellen server - 93	9280 TO 99 (1994) 100 (1995) 100	gen in which which is the second to the second that we have the second to the second t	
Carbon tetrachloride	50.0	45.3	91	57 - 134		
Chlorobenzene	50.0	46.8	94	70 - 129		
Chloroform	50.0	46.6	93	69 - 128		
1,2-Dichloroethane	50.0	43.8	88	65 - 13 4		
1,1-Dichloroethene	50.0	43.8	88	45 - 136		
2-Butanone (MEK)	100	103	103	53 - 140		
Tetrachloroethene	50.0	46.9	94	59 - 134		
Trichloroethene	50.0	47.2	94	68 - 130		
Vinyl chloride	50.0	43.7	87	38 - 153		
1,4-Dichlorobenzene	50.0	46.2	92	72 - 131		
Surrogate	% R	ec	Acc	eptance Limits		
4-Bromofluorobenzene	94	Control of the second of the s	 In the contrast consists of the contrast defining the contrast of	70 - 130	SEE MATERIAL TRANSPORT	
Dibromofluoromethane	100	0		70 - 130		
Toluene-d8 (Surr)	94			70 - 130		
1,2-Dichloroethane-d4 (Sum)	91					
	31			70 - 130		

Client: Noltex LLC

Job Number: 600-12026-1

Method Blank - Batch: 600-17108

Method: 8270C Preparation: 3510C

Lab Sample ID:

MB 600-17108/1-A

Analysis Batch: 600-17114

Lab File ID:

Instrument ID: MSD1526

Client Matrix:

Water

Prep Batch: 600-17108

A0630915.D

Initial Weight/Volume:

1000 mL

Dilution:

1.0

Units: ug/L

Final Weight/Volume:

1.00 mL

Date Analyzed: Date Prepared: 06/30/2009 1814

06/30/2009 1202

Injection Volume:

1.0 uL

Analyte	Result	Qual	MDL	RL
1,4-Dichlorobenzene	т дост на потобин отност произвольного транице произвольного произвольн	U	1.3	10
2,4-Dinitrotoluene	0.95	U	0.95	10
2,4,5-Trichlorophenol	1.3	U	1.3	10
2,4,6-Trichlorophenol	0.92	U	0.92	10
2-Methylphenol	1.0	U	1.0	10
3 & 4 Methylphenol	1.9	U	1.9	20
Hexachlorobenzene	0.90	U	0.90	10
Hexachlorobutadiene	1.1	U	1.1	10
Hexachloroethane	1.2	U	1.2	10
Nitrobenzene	1.2	U	1.2	10
Pentachlorophenol	0.89	U	0.89	50
Pyridine	1.0	U	1.0	10
Surrogate	% Rec		Acceptance Limits	
Phenol-d6	49	ALCOHOLOGICAL PROPERTY AND ADMINISTRATION OF THE PROPERTY OF T	10 - 94	entertal and the members of the base person page and in
Nitrobenzene-d5	89		35 - 114	
2-Fluorophenol	70		21 - 100	
2-Fluorobiphenyl	92		43 - 116	
2,4,6-Tribromophenol	81		10 - 123	
Terphenyl-d14	104		33 - 141	

Client: Noltex LLC

Job Number: 600-12026-1

Lab Control Sample/ Lab Control Sample Duplicate Recovery Report - Batch: 600-17108 Method: 8270C

LCS Lab Sample ID: LCS 600-17108/2-A

Preparation: 3510C

Client Matrix:

Water

Analysis Batch: 600-17114

Instrument ID: Lab File ID:

MSD1526 A0630916.D

Dilution:

1.0

Prep Batch: 600-17108

Initial Weight/Volume:

1000 mL

Date Analyzed:

06/30/2009 1848

Final Weight/Volume: Injection Volume:

1.00 mL

Date Prepared:

06/30/2009 1202

1.0 uL

LCSD Lab Sample ID: LCSD 600-17108/3-A

Water

Analysis Batch: 600-17114

Lab File ID: A0630917.D

Instrument ID:

MSD1526

Client Matrix: Dilution:

1.0

Prep Batch: 600-17108 Units: ug/L

Units: ug/L

Initial Weight/Volume:

1000 mL

Date Analyzed: Date Prepared: 06/30/2009 1922 06/30/2009 1202

Final Weight/Volume:

1.00 mL

Injection Volume:

1.0 uL

		<u>% Rec.</u>					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Quat
1,4-Dichlorobenzene		82	45 - 105	6	20	especial control of the second control of th	one and a second converse of the
2,4-Dinitrotoluene	86	96	61 - 162	11	20		
2,4,5-Trichlorophenol	7 7	85	59 - 123	9	20		
2,4,6-Trichlorophenol	75	82	30 - 143	9	20		
2-Methylphenol	74	75	34 - 109	2	20		
3 & 4 Methylphenoi	80	77	27 - 113	4	20		
Hexachlorobenzene	88	87	62 - 121	2	20		
Hexachlorobutadiene	81	90	32 - 143	11	20		
Hexachloroethane	77	76	42 - 110	1	20		
Nitrobenzene	78	84	5 5 - 115	8 -	20		
Pentachlorophenol	64	76	44 - 142	17	20	J	J
Pyridine	39	44	10 - 109	12	40		
Surrogate	Leading subsection of the subs	.CS % Rec	LCSD %	Rec	Accep	tance Limits	
Phenol-d6	5	51	46		1	0 - 94	The fact of the second state of the second
Nitrobenzene-d5	. 8	10	84		3	85 - 114	
2-Fluorophenol	·	6	61		2	21 - 100	
2-Fluorobiphenyl		35	88		4	13 - 116	
2,4,6-Tribromophenol		2	98		1	0 - 123	
Terphenyl-d14		96	96		3	33 - 141	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Noltex LLC

Job Number: 600-12026-1

Method Blank - Batch: 600-17233

Method: 6010B Preparation: 3010A

Lab Sample ID: MB 600-17233/1-A Client Matrix:

Water

1.0

Analysis Batch: 600-17258 Prep Batch: 600-17233

Units: mg/L

Instrument ID: TJA ICP 61E Lab File ID: T070209

Initial Weight/Volume: 50 mL

Date Analyzed: Date Prepared:

Dilution:

07/02/2009 1507 07/02/2009 0906

Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Pb	то основного почения послед выправа, или выправания выправа на просторы на почения выправа и почения выправа на почения на почения выправа на почения на почения на почения на почения	U and the first of the property of the propert	0.0029	0.010
Cr	0.0016	. U	0.0016	0.010
Cd	0.00073	U	0.00073	0.0050
Ba	0.0016	U	0.0016	0.020
As	0.0033	U	0.0033	0.010
Ag	0.0012	U	0.0012	0.010
Se	0.0042	U	0.0042	0.040

TCLP SPLPE Leachate Blank - Batch: 600-17233

Method: 6010B Preparation: 3010A

TCLP

Lab Sample ID:

LB 600-17076/1-D

Analysis Batch: 600-17258

Instrument ID: TJA ICP 61E

Client Matrix: Dilution:

Solid 1.0

Prep Batch: 600-17233

Lab File ID:

T070209

Date Analyzed:

07/02/2009 1515

Units: mg/L

Initial Weight/Volume: 50 mL Final Weight/Volume: 50 mL

Date Prepared: Date Leached:

07/02/2009 0906 06/29/2009 1400

Leachate Batch: 600-17076

Analyte	Result	Qual	MDL	RL
Pb	0.0029	und deregen, de regel to verspooren par seus provincier de la celebratica del la celebratica de la celebratica del la celebratica de la celebratica de la celebratica de la celebratica de la celebratica de la celebratica de la celebratica de la celebratica de la celebratica de la celebratica de la celebratica de la celebratica de la celebratica de la ce	0.0029	0.010
Cr	0.0016	j	0.0016	0.010
Cd	0.00073	U	0.00073	0.0050
Ba	0.078		0.0016	0.020
As	0.0094	j	0.0033	0.010
Ag	0.0012	Ü	0.0012	0.010
Se	0.015	j	0.0042	0.040

Client: Noltex LLC

Job Number: 600-12026-1

Lab Control Sample - Batch: 600-17233

Method: 6010B Preparation: 3010A

Lab Sample ID: LCS 600-17233/2-A

Analysis Batch: 600-17258

Client Matrix:

Dilution:

Water

1.0

Prep Batch: 600-17233 Units: mg/L

Date Analyzed: 07/02/2009 1511 Date Prepared:

07/02/2009 0906

Instrument ID: TJA ICP 61E T070209 Lab File ID:

Initial Weight/Volume: Final Weight/Volume:

50 mL 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Quai
при вистемните выполнением постоянием често вывисе не делина не постои опроводилением выполнением на выполнением на постоянием	1.00	1.03	103	80 - 120	hilling of a state of the state
Cr	1.00	1.00	100	80 - 120	
Cd	0.500	0.521	104	80 - 120	
Ba	1.00	1.06	106	80 - 120	
As	1.00	1.04	104	80 - 120	
Ag	0.500	0.508	102	80 - 120	
Se	1.00	1.01	101	80 - 120	

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 600-17233

Method: 6010B Preparation: 3010A

MS Lab Sample ID:

600-12026-2

Analysis Batch: 600-17258

TCLP

TJA ICP 61E

Client Matrix:

Solid

Prep Batch: 600-17233

Instrument ID: Lab File ID: T070209

Dilution:

1.0

Initial Weight/Volume: 50 mL

Date Analyzed: Date Prepared: Date Leached:

07/02/2009 1529 07/02/2009 0906 06/29/2009 1400 Final Weight/Volume:

50 mL

MSD Lab Sample ID:

600-12026-2

Leachate Batch: 600-17076

Instrument ID: TJA ICP 61E

Client Matrix:

Solid

Analysis Batch: 600-17258 Prep Batch: 600-17233

T070209 Lab File ID:

Dilution:

1.0

Initial Weight/Volume: 50 mL 50 mL

Date Analyzed:

07/02/2009 1533

Final Weight/Volume:

Date Prepared: Date Leached:

07/02/2009 0906 06/29/2009 1400

Leachate Batch: 600-17076

	<u>%</u>	<u>% Rec.</u>					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Pb	103	104	75 - 125	- 1	20	E KAMER BANKAN MARE BANKAN IN	Marie Annie (Marie Marie
Cr	97	98	75 - 125	1	20		
Cd	104	106	75 - 125	2	20		
Ва	103	102	75 - 125	1	20		
As	112	112	75 - 125	0	20		
Ag	108	108	75 - 125	0	20		
Se	116	115	75 - 125	0	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Noltex LLC

Job Number: 600-12026-1

Duplicate - Batch: 600-17233

Method: 6010B Preparation: 3010A

TCLP

Lab Sample ID: 600-12026-2 Client Matrix:

Solid

Analysis Batch: 600-17258 Prep Batch: 600-17233

Instrument ID: TJA ICP 61E Lab File ID:

T070209

Dilution:

1.0

Units: mg/L

Initial Weight/Volume: 50 mL

Date Analyzed:

07/02/2009 1526

Date Prepared: 07/02/2009 0906

Final Weight/Volume:

50 mL

Date Leached:

06/29/2009 1400

Leachate Batch: 600-17076

Analyte	Sample Res		Result	RPD	Limit	Qual
Pb	0.0029	U	0.0029	NC	20	the six or and the second section as a second
Cr	0.0025	J	0.00254	2	20	٠
Cd	0.00073	Ú	0.00073	NC NC	20	. J
Ba	0.21		0.203	1	20	U
As	0.0097	J	0.00923	5	20	,
Ag	0.0012	U	0.0012	NC	20	- 11
Se .	0.015	. J	0.0134	14	20	ı

Client: Noltex LLC

Job Number: 600-12026-1

Method Blank - Batch: 600-17151

Method: 7470A Preparation: 7470A

Lab Sample ID:

MB 600-17151/7-A

Analysis Batch: 600-17197

Instrument ID: Perkin Elmer FIMS-100

Client Matrix:

Water

Prep Batch: 600-17151

Lab File ID:

N/A

Dilution:

1.0

Units: ug/L

Initial Weight/Volume:

40 mL

Date Analyzed: Date Prepared: 07/01/2009 1231 07/01/2009 0848

Final Weight/Volume: 40 mL

Analyte

Result

Qual

MDL

RL

Mercury

0.021

U

0.021

0.20

TCLP SPLPE Leachate Blank - Batch: 600-17151

Method: 7470A Preparation: 7470A

TCLP

Client Matrix:

Lab Sample ID: LB 600-17076/1-C

Solid

1.0

Date Analyzed: Date Prepared: 07/01/2009 1320 07/01/2009 0848

Date Leached:

06/29/2009 1400

Analysis Batch: 600-17197 Prep Batch: 600-17151

Units: ug/L

Instrument ID: Perkin Elmer FIMS-100

Lab File ID: N/A

Initial Weight/Volume:

40 mL

Final Weight/Volume: 40 mL

Analyte

Dilution:

MDL

RL

Mercury

Result 0.021

Analysis Batch: 600-17197

Leachate Batch: 600-17076

u

Qual

0.021

0.20

Lab Control Sample - Batch: 600-17151

Method: 7470A Preparation: 7470A

Lab Sample ID:

Date Analyzed:

Date Prepared:

LCS 600-17151/8-A

Client Matrix:

Water

1.0

07/01/2009 1233 07/01/2009 0848 Units: ug/L

Prep Batch: 600-17151

Instrument ID: Perkin Elmer FIMS-100

Lab File ID:

N/A Initial Weight/Volume:

50 mL

Final Weight/Volume:

50 mL

Analyte

Dilution:

Spike Amount

Result

% Rec.

Limit

Qual

Mercury

3.00

2.94

98

80 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Noltex LLC

Job Number: 600-12026-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 600-17151

Method: 7470A

Preparation: 7470A

TCLP

MS Lab Sample ID:

600-12026-1

Client Matrix:

Solid

Analysis Batch: 600-17197

Instrument ID:

Perkin Elmer FIMS-100

Prep Batch: 600-17151

Lab File ID:

Dilution:

1.0

Initial Weight/Volume: Final Weight/Volume:

40 mL

Date Analyzed:

07/01/2009 1329

40 mL

Date Prepared: Date Leached:

07/01/2009 0848 06/29/2009 1400

Leachate Batch: 600-17076

MSD Lab Sample ID:

600-12026-1

Analysis Batch: 600-17197

Instrument ID: Perkin Elmer FIMS-100

Client Matrix:

Solid

Prep Batch: 600-17151

Lab File ID:

Dilution: Date Analyzed: 1.0 07/01/2009 1330

Initial Weight/Volume: Final Weight/Volume:

40 mL 40 mL

Date Prepared: Date Leached:

07/01/2009 0848

06/29/2009 1400

Leachate Batch: 600-17076

% Rec.

MSD

RPD Limit

MS Qual MSD Qual

Analyte Mercury

MS 95

20

75 - 125

Limit

0

RPD

Duplicate - Batch: 600-17151

Method: 7470A

Preparation: 7470A

Lab Sample ID:

600-12026-1

TCLP

Analysis Batch: 600-17197

Sample Result/Qual

Instrument ID: Perkin Elmer FIMS-100

Client Matrix:

Solid

Prep Batch: 600-17151

Lab File ID: N/A

Dilution:

1.0

Units: ug/L

Initial Weight/Volume:

40 mL

Date Analyzed:

07/01/2009 1327 07/01/2009 0848

Final Weight/Volume:

40 mL

Date Prepared: Date Leached:

06/29/2009 1400

Leachate Batch: 600-17076

Analyte Mercury

0.021

0.021

Result

RPD NC

Limit 20

Qual

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Noltex LLC

Job Number: 600-12026-1

Method Blank - Batch: 600-17032

Method: 7.4.4 Preparation: 7.3.4

Lab Sample ID:

MB 600-17032/1-A

06/29/2009 1126

Client Matrix:

Solid

Dilution:

1.0 06/30/2009 1348

Date Analyzed: Date Prepared:

Analysis Batch: 600-17121 Prep Batch: 600-17032

Units: mg/Kg

Instrument ID: No Equipment Assigned

Lab File ID:

N/A

Initial Weight/Volume:

10 mL

Final Weight/Volume:

250 mL

Analyte

Result

Qual

MDL

RL.

Sulfide, Reactive

14

U

14

50

Lab Control Sample - Batch: 600-17032

Method: 7.4.4 Preparation: 7.3.4

Lab Sample ID:

LCS 600-17032/2-A

Client Matrix:

Solid

Dilution:

1.0

Date Analyzed: Date Prepared:

06/30/2009 1348

06/29/2009 1126

Analysis Batch: 600-17121

Prep Batch: 600-17032

Units: mg/Kg

Spike Amount

Instrument ID: No Equipment Assigned Lab File ID:

N/A

Initial Weight/Volume: 10 mL

Final Weight/Volume: 250 mL

Analyte

Result

% Rec.

Limit

Sulfide, Reactive

1840

1120

61

0 - 100

Qual

Calculations are performed before rounding to avoid round-off errors in calculated results.

Page 26 of 34

07/08/2009

Client: Noltex LLC

Job Number: 600-12026-1

Method Blank - Batch: 600-17032

Method: 9012 Preparation: 7.3.3

Lab Sample ID:

MB 600-17032/1-A

Client Matrix:

Solid

Dilution:

1.0

Date Analyzed:

06/30/2009 1424

Date Prepared:

06/29/2009 1126

Analysis Batch: 600-17124 Prep Batch: 600-17032

Units: ug/Kg

Instrument ID: WC05 Lachat-1

Lab File ID: N/A

Initial Weight/Volume:

10 mL

Final Weight/Volume:

250 mL

Analyte

Result

Qual

MDL

Cyanide, Reactive

18

RL

U

18

250

Lab Control Sample - Batch: 600-17032

Method: 9012 Preparation: 7.3.3

Lab Sample ID:

LCS 600-17032/2-A

Client Matrix:

Solid

Dilution: Date Analyzed:

20 06/30/2009 1424

Date Prepared:

06/29/2009 1126

Analysis Batch: 600-17124 Prep Batch: 600-17032

Units: ug/Kg

Instrument ID: WC05 Lachat-1

Lab File ID: N/A

Initial Weight/Volume:

10 mL

Final Weight/Volume: 250 mL

Analyte

Spike Amount

Result

% Rec.

Limit

Cyanide, Reactive

1000000

5

Qual

52700

0 - 100

Calculations are performed before rounding to avoid round-off errors in calculated results.

Page 27 of 34

07/08/2009

Client: Noltex LLC

Job Number: 600-12026-1

Lab Control Sample - Batch: 600-17024

Method: 9045C Preparation: N/A

Lab Sample ID: LCS 600-17024/1

Client Matrix:

Solid

Analysis Batch: 600-17024

Instrument ID: No Equipment Assigned

Prep Batch: N/A

Lab File ID: N/A

Dilution: Date Analyzed:

1.0 06/29/2009 0830 Units: SU

Initial Weight/Volume: Final Weight/Volume:

50 mL 50 mL

Date Prepared:

% Rec.

Limit

Analyte

Spike Amount

Result

Qual

рΗ

7.00

7.010

100

99 - 101

Duplicate - Batch: 600-17024

Method: 9045C

Preparation: N/A

Lab Sample ID:

600-12026-3

Analysis Batch: 600-17024

Client Matrix:

Solid 1.0

Lab File ID:

0

Instrument ID: No Equipment Assigned

Dilution:

Prep Batch: N/A Units: SU

6.98

Initial Weight/Volume:

20 mL

Date Analyzed:

06/29/2009 0830

6.970

Final Weight/Volume:

1

20 mL

Date Prepared:

Analyte

рΗ

N/A

RPD Sample Result/Qual Result Limit Qual

Client: Noltex LLC

Job Number: 600-12026-1

Method Blank - Batch: 600-17482

Method: D240-87 Preparation: N/A

Lab Sample ID:

MB 600-17482/10

Client Matrix:

Solid

Dilution:

1.0 07/07/2009 1645 Date Analyzed:

Date Prepared:

Analysis Batch: 600-17482

Prep Batch: N/A

Units: BTU/lb

Instrument ID: No Equipment Assigned

Lab File ID:

N/A Initial Weight/Volume:

1.0263 g

Final Weight/Volume:

1.0 mL

Analyte	Result	Qual	RL	RL .
не с на применения в применения в применения в применения в применения в применения в применения в в в в в в в ВТИ	500		500	500

Lab Control Sample - Batch: 600-17482

Method: D240-87 Preparation: N/A

Lab Sample ID:

LCS 600-17482/1

Client Matrix:

Solid

Dilution:

Date Analyzed:

Date Prepared: N/A

1.0

07/07/2009 1645

Analysis Batch: 600-17482

Prep Batch: N/A

Units: BTU/lb

Instrument ID: No Equipment Assigned

Lab File ID: N/A

Initial Weight/Volume:

0.9875 g 1.0 mL

Final Weight/Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
BTU	11400	11200	artuurinaa, untoumtauri kiriritaaria vuonni etä	90 - 110	banda. Terrena ne rasinare, esperale

Duplicate - Batch: 600-17482

Method: D240-87 Preparation: N/A

Lab Sample ID:

600-12026-1

Client Matrix:

Solid

Dilution:

Date Analyzed:

1.0

07/07/2009 1645

Date Prepared:

N/A

Analysis Batch: 600-17482

Prep Batch: N/A

Units: BTU/lb

Instrument ID: No Equipment Assigned

Lab File ID: N/A

Initial Weight/Volume:

1.0361 g

Final Weight/Volume:

1.0 mL

Analyte	Sample Result/Qual	Result	RPD.	Limit	Qual
A Security Security of Security Control of C	na nagarovan verman biro Pikara maga yazaré nindi sebiliki Kiliki Pika Pin mangabunan kepada Argan	CONTRACTOR OF A CHAIN PARTY CONTRACTOR OF SHIP CONTRACTOR	те тупка тексте Адменут, такжен так ан	NUMBER OF STREET STREET, STREET STREET, STREET	LIMPARA SINGLESIA .
BTU	2800	3990	35	20	F

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Noltex LLC

Job Number: 600-12026-1

Method Blank - Batch: 600-17227

Method: D92 Preparation: N/A

Lab Sample ID:

MB 600-17227/1

07/01/2009 1300

Analysis Batch: 600-17227

Instrument ID: No Equipment Assigned

Client Matrix:

Solid

Prep Batch: N/A

Lab File ID: N/A

Dilution:

1.0

Units: Degrees F

Initial Weight/Volume: Final Weight/Volume:

1.0 mL

Date Analyzed: Date Prepared:

N/A

Qual

RL

Analyte

Result

RL

Flashpoint

>186

1.0

1.0

Lab Control Sample - Batch: 600-17227

Method: D92 Preparation: N/A

Lab Sample ID: Client Matrix:

Dilution:

LCS 600-17227/2

Solid

1.0

07/01/2009 1300 Date Analyzed:

Date Prepared:

Analysis Batch: 600-17227

Prep Batch: N/A

Units: Degrees F

Instrument ID: No Equipment Assigned

Lab File ID: N/A Initial Weight/Volume:

Final Weight/Volume:

60 mL

Analyte Spike Amount Result % Rec. Limit Qual Flashpoint 81.0 82.0 96.91 - 103.09 101

DATA REPORTING QUALIFIERS

Client: Noltex LLC

Job Number: 600-12026-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
GC/MS Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	E	Result exceeded calibration range.
	j	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Metals		
	В	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
General Chemistry		
	F	Duplicate RPD exceeds the control limit
	HF	Field parameter with a holding time of 15 minutes
	Ú	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Job Narrative 600-J12026-1

GC/MS Semi VOA

Method 8270C: Samples were double spiked with surrogate resulting in high results that exceed ICAL. %R for these surrogate were still within control limits.

No other analytical or quality issues were noted.

General Chemistry

Method D240-87: This sample is a very light material (nylon cloth), due to this the full aliquot of sample could not be used and a smaller aliquot of sample was analyzed.

No other analytical or quality issues were noted.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY RECORD

12026

Page:

600-12026-A-1

TestAmerica Laboratories, inc.

Custome	r Information	****		Project In	formatic	on			Аг	aly	sis/l	Vieti	iods	grafia (77			a seri				
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WO:				TAL Proje	ct No:	6000046	3		В	TCL	P-Se	mivo	latiles	(82	70)		- [
Company	Noitex, LLC			Bill To:		Noitex, L	LC		С	C TLCP-Metals (6010/7470)				М								
Report to:	Joy Snodgras	S		Invoice AT	TN:	Joy Snoo				RCI							N					
Address:	12220 Strang	Road		Address:	100	12220 St			E	Вπ	ls						0					
j	La Porte, TX 7	77571-9740				La Porte,	TX 7757	1-9740	F								2					
									G								2					
E-mail:		s@noltex.com						noltex.com	Н								₹ [
Phone:	281-842-5039			Phone:		281-842-			1							(Other	:				
Fax:	281-842-5097			Fax:		281-842-	5097		J	<u> </u>												
							Makery Ar							74.16						2008h	Parsie.	<u> </u>
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8									<u> </u>													Ш
Sampler:				Shipment	Method:	TAL Pick	dr dr	Required TAT: 24-h	48	-h	72-t	1 5	Day	s 1	0 D	ays (Othe	€r:				
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TestAmerica	Laboratories	6310 Rothway Driv	re. Suite 130		Houston	TX 77040	-		OL.		713.6	200 4	444									
TAL Project			713-358-2006		· sousion,	17 11040			FN	one:	173.6	P.UEC	444						rax:	. 713	.690.5	646

Neil Rodrigue

EPAHO082002025

713-358-2006

Login Sample Receipt Check List

Client: Noltex LLC

Job Number: 600-12026-1

List Source: TestAmerica Houston

Login Number: 12026 Creator: Claunch, Todd F

List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	



ANALYTICAL REPORT

Job Number: 600-12080-1

Job Description: East Filter Press TCLP, RCI, BTU 6/26/09

For:
Noltex LLC
12220 Strang Road
La Porte, TX 77571-9740

Attention: Ms. Joy Snodgrass

Neil a. Robigue

Approved for release Neil A Rodrigue Project Manager II 7/10/2009 2:26 PM

Neil A Rodrigue
Project Manager II
neil.rodrigue@testamericainc.com
07/10/2009

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Houston Certifications and Approvals: TX NELAP T104704223-06-TX, ARDEQ 88-0759, LADEQ 01967, OKDEQ 9503, UT DOH GULF

TestAmerica Laboratories, Inc.

TestAmerica Houston 6310 Rothway Street, Houston, TX 77040 Tel (713) 690-4444 Fax (713) 690-5646 www.testamericainc.com



07/10/2009

SAMPLE SUMMARY

Client: Noltex LLC

Job Number: 600-12080-1

			Date/Time	Date/Time
Lab Sample ID	Client Sample ID	Client Matrix	Sampled	Received
600-12080-1	#325 East Filter Press	Solid	06/26/2009 1030	06/26/2009 1248

Client: Noltex LLC

Job Number: 600-12080-1

Client Sample ID:

#325 East Filter Press

Lab Sample ID:

600-12080-1

Client Matrix: Solid Date Sampled: 06/26/2009 1030

Date Received: 06/26/2009 1248

8260B Volatile Organic Compounds (GC/MS)-TCLP

Method: Preparation: 8260B

5030B

20

Dilution: Date Analyzed:

Date Prepared:

Date Leached:

Trichloroethene

1,4-Dichlorobenzene

Vinyl chloride

07/08/2009 0800

07/09/2009 1504 07/09/2009 1504 Analysis Batch: 600-17596

Leachate Batch: 600-17517

instrument ID:

U

U

VOAMS05

Lab File ID: Initial Weight/Volume: H19008.D

RL

100

100

100

100

100

100

200

100

100

100

100

26

32

22

5 mL

Final Weight/Volume:

5 mL

DryWt Corrected: N Result (ug/L) Qualifier MDL **Analyte** 22 U 22 Benzene 22 U 22 Carbon tetrachloride Chlorobenzene 18 U 18 Chloroform 18 U 18 1,2-Dichloroethane 22 U 22 1,1-Dichloroethene 23 U 23 32 2-Butanone (MEK) U 32 Tetrachloroethene 46 46 U

%Rec Qualifier Acceptance Limits Surrogate 70 - 130 4-Bromofluorobenzene 104 Dibromofluoromethane 87 70 - 130 Toluene-d8 (Surr) 97 70 - 130 1,2-Dichloroethane-d4 (Surr) 90 70 - 130

26

32

22

Client: Noltex LLC

Job Number: 600-12080-1

Client Sample ID:

#325 East Filter Press

Lab Sample ID:

600-12080-1

Client Matrix:

Solid

Date Sampled: 06/26/2009 1030

Date Received: 06/26/2009 1248

Method:	8270C	Analysis Batch: 600-17546	Inc	strument ID:	SVMS05
Preparation:	3510C	Prep Batch: 600-17412		b File ID:	Z0708921.D
Dilution:	1.0	Leachate Batch: 600-17301		tial Weight/Volume:	995 mL
Date Analyzed:	07/08/2009 2145	Leadiate Datch. 600-17501			1.00 mL
-	07/07/2009 1416			nal Weight/Volume:	
Date Prepared: Date Leached:	07/02/2009 1500		inj	ection Volume:	1.0 uL
Date Leached.	07/02/2009 1500				
nalyte	DryWt Corrected: N	Result (ug/L)	Qualifier	MDL	RL
,4-Dichlorobenzer	nes entre es la socialità i foto en mongrapi con most arrentante, a lateritorio cellularicci de assat. 1e	1.3	Ü	1.3	10
2,4-Dinitrotoluene		0.95	U	0.95	10
2,4,5-Trichloropher	nol	1.3	U	1.3	10
,4,6-Trichloropher	nol	0.92	U	0.92	10
2-Methylphenol		1.0	U	1.0	10
& 4 Methylpheno	1	1.9	U	1.9	20
lexachlorobenzen	e	0.90	U	0.90	10
lexachlorobutadie	ne	1.1	U	1.1	10
lexachloroethane		1.2	U .	. 1.2	10
litrobenzene		1.2	U	1.2	10
Pentachlorophenol		0.89	Ü	0.89	50
Pyridine		1.0	U *	1.0	10
urrogate		%Rec	Qualifier	Acceptar	ice Limits
henol-d6	The second secon	51	eer en in vertilier om van vaar van 1990 teen va	10 - 94	TOTAL THE WARREN BURGES AND A STREET OF THE
litrobenzene-d5		92		35 - 114	
-Fluorophenol	•	66		21 - 100	
-Fluorobiphenyl		91		43 - 116	
,4,6-Tribromopher	nol	10 9		10 - 123	
erphenyl-d14		105		33 - 141	

Client: Noltex LLC

Job Number: 600-12080-1

Client Sample ID:

#325 East Filter Press

Lab Sample ID:

600-12080-1

Client Matrix:

Solid

Date Sampled: 06/26/2009 1030

Date Received: 06/26/2009 1248

6010B Metals (ICP)-TCLP

Method: Preparation: 6010B 3010A Analysis Batch: 600-17523 Prep Batch: 600-17467 Leachate Batch: 600-17301

Instrument ID: Lab File ID:

TJA1 T070909

Dilution: Date Analyzed: 1.0 07/09/2009 0932 Initial Weight/Volume:

50 mL

Date Prepared: Date Leached:

07/08/2009 0948 07/02/2009 1500 Final Weight/Volume:

50 mL

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Lead	terringen et samme i kon der ver die Samme i der die 18 met 18 met 18 met 18 met 18 met 18 met 18 met 18 met 1 De lander in der verschiede in der der der der der der der der der der	0.0029	n recommendation of the second	0.0029	0.010
Chromium		0.0070	J	0.0016	0.010
Cadmium		0.00073	U	0.00073	0.0050
Barium		0.080	В	0.0016	0.020
Arsenic		0.011	В	0.0033	0.010
Silver		0.0012	U	0.0012	0.010
Selenium		0.012	JB	0.0042	0.040

7470A Mercury (CVAA)-TCLP

Method: Preparation: 7470A 7470A

Analysis Batch: 600-17415 Prep Batch: 600-17381

Instrument ID:

FIMS01 N/A

Dilution: Date Analyzed: 1.0

Leachate Batch: 600-17301

Lab File ID: Initial Weight/Volume: Final Weight/Volume:

40 mL 40 mL

Date Prepared: Date Leached:

Analyte

Mercury

07/07/2009 1408 07/07/2009 1000

07/02/2009 1500

DryWt Corrected: N

Result (ug/L) 0.021

Qualifier

MDL 0.021 RL 0.20

Client: Noltex LLC

Job Number: 600-12080-1

		Gene	eral Chemis	try			
Client Sample ID:	#325 East Filter Press						
Lab Sample ID:	600-12080-1					Date Sample	ed: 06/26/2009 1030
Client Matrix:	Solid					Date Receiv	ved: 06/26/2009 1248
Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Reactive	i vidich en to hi antaŭ dalli d'arven accidenteas su antagoden apvensos posti eto. 18	· U	ug/Kg	18	250	1.0	9012
	Analysis Batch: 600-17274	Date Analyzed:	07/02/2009	1348			DryWt Corrected: N
	Prep Batch: 600-17173	Date Prep	ared: 07/01/	2009 1150			
Sulfide, Reactive	30	J	mg/Kg	14	50	1.0	7.4.4
	Analysis Batch: 600-17273	Date Analyzed:	07/02/2009	1230			DryWt Corrected: N
	Prep Batch: 600-17173	Date Prep	ared: 07/01/	2009 1150			
Analyte	Result	Qual	Units	RL	RL	Dil	Method
Flashpoint	. >212	and annealist control of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the section of the second section of the section of the second section of the section of t	Degrees F	1.0	1.0	1.0	D92
	Analysis Batch: 600-17227	Date Analyzed:	07/01/2009	1300			DryWt Corrected: N
pН	6.08	HF	SU	0.0100	0.0100	1.0	9045C
	Analysis Batch: 600-17024	Date Analyzed:	06/29/2009	0830			DryWt Corrected: N
BTU	15000		BTU/lb	500	500	1.0	D240-87
	Analysis Batch: 600-17482	Date Analyzed:	07/07/2009	1645			DryWt Corrected: N

METHOD SUMMARY

Client: Noltex LLC

Job Number: 600-12080-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL HOU	SW846 8260B	
TCLP Extraction	TAL HOU		SW846 1311
Purge and Trap	TAL HOU		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL HOU	SW846 8270C	
TCLP Extraction	TAL HOU		SW846 1311
Liquid-Liquid Extraction (Separatory Funnel)	TAL HOU		SW846 3510C
Metals (ICP)	TAL HOU	SW846 6010B	
TCLP Extraction	TAL HOU		SW846 1311
Preparation, Total Metals	TAL HOU		SW846 3010A
Mercury (CVAA)	TAL HOU	SW846 7470A	
TCLP Extraction	TAL HOU		SW846 1311
Preparation, Mercury	TAL HOU		SW846 7470A
Reactive Sulfide	TAL HOU	EPA 7.4.4	
Sulfide, Reactive	TAL HOU		SW846 7.3.4
Cyanide, Reactive	TAL HOU	SW846 9012	
Cyanide, Reactive	TAL HOU		SW846 7.3.3
Corrosivity	TAL HOU	SW846 9045C	
Heat of Combustion	TAL HOU	ASTM D240-87	
Flashpoint	TAL HOU	ASTM D92	

Lab References:

TAL HOU = TestAmerica Houston

Method References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Noltex LLC

Job Number: 600-12080-1

Method	Analyst	Analyst ID
SW846 8260B	Liu, Zaifang	ZFL
SW846 8270C	Sundquist, Trevor W	TWS
SW846 6010B	Patel, Silen R	SRP
SW846 7470A	Lige, Derrick C	DCL
EPA 7.4.4	Walker, Gerald (Gerry) C	GCW
SW846 9012	Walker, Gerald (Gerry) C	GCW
SW846 9045C	Puranik, Surendra U	SUP
ASTM D240-87	Puranik, Surendra U	SUP
ASTM D92	Puranik, Surendra U	SUP

Client: Noltex LLC

Job Number: 600-12080-1

Method Blank - Batch: 600-17596

Method: 8260B Preparation: 5030B

Lab Sample ID: MB 600-17596/3

Analysis Batch: 600-17596

Instrument ID: VOA-V

Client Matrix:

Water

Prep Batch: N/A

Lab File ID:

H19005.D

Dilution:

1.0

Initial Weight/Volume: 5 mL

Units: ug/L

Final Weight/Volume: 5 mL

Date Analyzed: 07/09/2009 1345 07/09/2009 1345 Date Prepared:

Analyte	Result	Qual	MDL	RL
Benzene	оттом и и вероести пама как и и чест в изглед начеля на поставлява и чество наставлява и чество и в интрим 1.1	U		5.0
Carbon tetrachloride	1.1	U	1.1	5.0
Chlorobenzene	0.92	U	0.92	5.0
Chloroform	0.92	U	0.92	5.0
1,2-Dichloroethane	1.1	U	1.1	5.0
1,1-Dichloroethene	1.2	· U	1.2	5.0
2-Butanone (MEK)	1.6	U	1.6	10
Tetrachloroethene	2.3	U	2.3	5.0
Trichloroethene	1.3	U	1.3	5.0
Vinyl chloride	1.6	U	1.6	5.0
1,4-Dichlorobenzene	1.1	U	1.1	5.0
Surrogate	% Rec		Acceptance Limits	
4-Bromofluorobenzene	103	हर है । है जिस कि कि कि कि कि कि कि कि कि कि कि कि कि	70 - 130	Elitheraphysical Monthly
Dibromofluoromethane	88		70 - 130	
Toluene-d8 (Surr)	99		70 - 130	
1,2-Dichloroethane-d4 (Surr)	88		70 - 130	

Client: Noltex LLC

Job Number: 600-12080-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 600-17596

Method: 8260B Preparation: 5030B

TCLP

MS Lab Sample ID:

600-12080-1 Solid

Analysis Batch: 600-17596

Instrument ID:

VOA-V

Client Matrix:

Lab File ID:

H19006.D

Dilution:

20

Prep Batch: N/A

Initial Weight/Volume:

5 mL

Date Analyzed:

07/09/2009 1411

Final Weight/Volume:

Date Prepared: Date Leached:

07/09/2009 1411 07/08/2009 0800

Leachate Batch: 600-17517

5 mL

MSD Lab Sample ID:

600-12080-1

Instrument ID: VOA-V

Client Matrix:

Solid

Analysis Batch: 600-17596 Prep Batch: N/A

Lab File ID: Initial Weight/Volume:

H19007.D

Dilution: Date Analyzed: 20 07/09/2009 1437

Final Weight/Volume:

5 mL

Date Prepared: Date Leached:

07/09/2009 1437 07/08/2009 0800

Leachate Batch: 600-17517

% Rec. MS MSD RPD **RPD Limit** Analyte Limit MS Qual MSD Qual 101 102 65 - 125 Benzene 2 21 Carbon tetrachloride 93 93 60 - 140 0 25 74 - 122 Chlorobenzene 94 92 3 21 90 91 60 - 140 Chloroform 25 1.2-Dichloroethane 96 60 - 140 95 25 1,1-Dichloroethene 22 - 123 95 87 9 22 2-Butanone (MEK) 119 115 60 - 140 25 Tetrachloroethene 60 - 140 25 91 90 2 Trichloroethene 98 97 56 - 118 24 Vinyl chloride 80 78 60 - 140 3 25 60 - 140 1,4-Dichlorobenzene 98 93 5 Limits

Surrogate	MS % Rec 	MSD % Rec	Acceptance Lii
4-Bromofluorobenzene	115	112	70 - 130
Dibromofluoromethane	102	100	70 - 130
Toluene-d8 (Surr)	106	104	70 - 130
1,2-Dichloroethane-d4 (Surr)	96	93	70 - 130

Client: Noltex LLC

Job Number: 600-12080-1

Method Blank - Batch: 600-17412

Method: 8270C Preparation: 3510C

Lab Sample ID: MB 600-17412/1-A

Water

Analysis Batch: 600-17546

Client Matrix:

1.0

Date Prepared: 07/07/2009 1416

Prep Batch: 600-17412

Dilution:

Date Analyzed: 07/08/2009 1353

Units: ug/L

Instrument ID: MSD2348 Lab File ID:

Initial Weight/Volume: 1000 mL Final Weight/Volume:

Z0708907.D

Injection Volume:

1.00 mL 1.0 uL

Analyte	Result	Qual	MDL	RL
1,4-Dichlorobenzene	посточно пости прочине дополного постигности и принципалного и пответствующих выполнения в 1.3	eren de Terret Grant son en en europe en en en en en en en en en en en en en	1.3	10
2,4-Dinitrotoluene	0.95	U	0.95	10
2,4,5-Trichlorophenol	1.3	Ū	1.3	10
2,4,6-Trichlorophenol	0.92	Ū	0.92	10
2-Methylphenol	1.0	Ü	1.0	10
3 & 4 Methylphenol	1.9	Ü	1.9	20
Hexachlorobenzene	0.90	Ü	0.90	10
Hexachlorobutadiene	1.1	Ü	1.1	10
Hexachloroethane	1.2	Ü	1.2	10
Nitrobenzene	1.2	Ü	1.2	10
Pentachlorophenol	0.89	Ü	0.89	50
Pyridine	1.0	Ū	1.0	10

Surrogate	% Rec	Acceptance Limits
Phenol-d6	35	10 - 94
Nitrobenzene-d5	76	35 - 114
2-Fluorophenol	4 7	21 - 100
2-Fluorobiphenyl	71	43 - 116
2,4,6-Tribromophenol	8 5	10 - 123
Terphenyl-d14	91	33 - 141

Client: Noltex LLC

Job Number: 600-12080-1

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 600-17412

Method: 8270C Preparation: 3510C

LCS Lab Sample ID: LCS 600-17412/2-A

Instrument ID:

MSD2348

Client Matrix:

Water

Lab File ID:

Z0708908.D

Dilution:

1.0

Prep Batch: 600-17412

Initial Weight/Volume:

1000 mL

Date Analyzed: Date Prepared: 07/08/2009 1427 07/07/2009 1416 Final Weight/Volume: Injection Volume:

1.00 mL 1.0 uL

LCSD Lab Sample ID: LCSD 600-17412/3-A

Instrument ID:

MSD2348

Client Matrix:

Water

Analysis Batch: 600-17546 Prep Batch: 600-17412

Analysis Batch: 600-17546

Lab File ID:

Z0708909.D

Dilution:

1.0

Units: ug/L

Units: ug/L

Initial Weight/Volume:

1000 mL 1.00 mL

Date Analyzed: Date Prepared:

07/08/2009 1501 07/07/2009 1416

Final Weight/Volume: Injection Volume:

1.0 uL

	<u>%</u>	Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	85	87	45 - 105	2	20	generalise ett med 1. milion (1. milion).	er i describble e east of a larger
2,4-Dinitrotoluene	110	110	61 - 162	0	20		
2,4,5-Trichlorophenol	95	97	59 - 123	2	20		
2,4,6-Trichlorophenol	96	94	30 - 143	2	20		•
2-Methylphenol	79	82	34 - 109	4	20		
3 & 4 Methylphenol	92	93	27 - 113	2	20		
Hexachlorobenzene	104	103	62 - 121	2	20		
Hexachlorobutadiene	91	91	32 - 143	1	20	4	
Hexachloroethane	85	86	42 - 110	1	20		
Nitrobenzene	94	93	55 - 115	1	20		
Pentachlorophenol	94	89	44 - 142	5	20	J	J
Pyridine	58	33	10 - 109	54	40		*

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Phenol-d6	49	50	10 - 94
Nitrobenzene-d5	99	96	35 - 114
2-Fluorophenol	64	64	21 - 100
2-Fluorobiphenyl	93	93	43 - 116
2,4,6-Tribromophenol	117	112	10 - 123
Terphenyl-d14	106	103	33 - 141

Client: Noltex LLC

Job Number: 600-12080-1

Method Blank - Batch: 600-17467

Method: 6010B Preparation: 3010A

Lab Sample ID:

MB 600-17467/1-A

Analysis Batch: 600-17523

Instrument ID: TJA ICP 61E

Client Matrix:

Water

Prep Batch: 600-17467

Lab File ID:

T070909

Dilution:

Selenium

1.0

Units: mg/L

Initial Weight/Volume:

50 mL

0.040

50 mL

Date Analyzed:

07/09/2009 0830

Final Weight/Volume: 50 mL

Date Prepared:

07/08/2009 0922

Analyte	Result	Qual	MDL	RL
Lead	-73 година приденциорит по 7 метаная и постройного выполняе придокаро пунктического установ, инф ————————————————————————————————————	en en 19 van program soort van de metallikens kommenden en U	0.0029	0.010
Chromium	0.0016	U	0.0016	0.010
Cadmium	0.00073	U	0.00073	0.0050
Barium	0.0016	U	0.0016	0.020
Arsenic	0.0033	U	0.0033	0.010
Silver	0.0012	U	0.0012	0.010

TCLP SPLPE Leachate Blank - Batch: 600-17467

Method: 6010B

Preparation: 3010A

0.0042

TCLP

U

Lab Sample ID:

LB 600-17379/3-D

Analysis Batch: 600-17523

0.0042

Instrument ID: TJA ICP 61E

Client Matrix:

Solid

Lab File ID: T070909

Dilution:

1.0

Prep Batch: 600-17467

Units: mg/L

Initial Weight/Volume: 50 mL

Date Analyzed:

07/09/2009 0856

Final Weight/Volume:

Date Prepared: Date Leached:

07/08/2009 0922 07/06/2009 1440

Leachate Batch: 600-17379

Analyte	Result	Qual	MDL	RL
Lead	0.0029	U	0.0029	0.010
Chromium	0.0016	U	0.0016	0.010
Cadmium	0.00073	U	0.00073	0.0050
Barium	0.021		0.0016	0.020
Arsenic	0.0078	J	0.0033	0.010
Silver	0.0012	U	0.0012	0.010
Selenium	0.011	J	0.0042	0.040

Client: Noltex LLC

Job Number: 600-12080-1

TCLP SPLPE Leachate Blank - Batch: 600-17467

Method: 6010B Preparation: 3010A

TCLP

Client Matrix:

Dilution:

Lab Sample ID: LB 600-17301/1-F Solid

1.0

Analysis Batch: 600-17523 Prep Batch: 600-17467

Units: mg/L

Instrument ID: TJA ICP 61E Lab File ID:

Initial Weight/Volume: 50 mL

T070909

Final Weight/Volume:

50 mL

Date Analyzed: Date Prepared: Date Leached:

07/09/2009 0925 07/08/2009 0924

07/02/2009 1500

Leachate Batch: 600-17301

Analyte	Result	Qual	MDL	RL
Lead	The state of the second control of the state of the stat	in the state of th	0.0029	
Chromium	0.0016	Ü		0.010
Cadmium	0.00073	_	0.0016	0.010
Barium	0.071	U	0.00073	0.0050
Arsenic			0.0016	0.020
Silver	0.0093	J	0.0033	0.010
Selenium	0.0012	U	0.0012	0.010
Scientium	0.0098	J	0.0042	0.040

Lab Control Sample - Batch: 600-17467

Method: 6010B Preparation: 3010A

Lab Sample ID: LCS 600-17467/2-A Client Matrix:

Dilution:

Water

1.0

Date Analyzed: Date Prepared:

07/09/2009 0834

07/08/2009 0922

Analysis Batch: 600-17523 Prep Batch: 600-17467

Units: mg/L

Instrument ID: TJA ICP 61E

Lab File ID: T070909 Initial Weight/Volume: 50 mL

Final Weight/Volume:

50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Lead Chromium Cadmium Barium Arsenic Silver Selenium	1.00 1.00 0.500 1.00 1.00 0.500 1.00	1.02 0.998 0.502 1.02 1.01 0.496 1.01	102 100 100 102 101 99	80 - 120 80 - 120 80 - 120 80 - 120 80 - 120 80 - 120 80 - 120	e althought of the second

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Noltex LLC

Job Number: 600-12080-1

Method Blank - Batch: 600-17381

Method: 7470A Preparation: 7470A

Lab Sample ID:

MB 600-17381/7-A

Client Matrix:

Water

Dilution:

Date Analyzed: Date Prepared:

1.0 07/07/2009 1332

07/07/2009 1000

Analysis Batch: 600-17415

Units: ug/L

Prep Batch: 600-17381

Instrument ID: Perkin Elmer FIMS-100

Lab File ID:

Initial Weight/Volume: 40 mL

Final Weight/Volume:

40 mL

Analyte

Result

Qual

MDL

RL

Mercury

0.021

U

0.021

0.20

TCLP SPLPE Leachate Blank - Batch: 600-17381

Method: 7470A Preparation: 7470A

TCLP

Lab Sample ID:

LB 600-17301/1-B

Client Matrix: Dilution:

Solid

1.0

Date Analyzed: 07/07/2009 1356 Date Prepared:

Date Leached:

07/07/2009 1000

07/02/2009 1500

Analysis Batch: 600-17415 Prep Batch: 600-17381

Units: ug/L

Instrument ID: Perkin Elmer FIMS-100

Lab File ID: N/A

Initial Weight/Volume:

40 mL

Final Weight/Volume:

40 mL

Analyte Mercury

Result 0.18

Leachate Batch: 600-17301

Qual J

MDL

RL

0.021

0.20

Lab Control Sample - Batch: 600-17381

Method: 7470A Preparation: 7470A

Lab Sample ID: Client Matrix:

Date Prepared:

LCS 600-17381/8-A

Water

Dilution: Date Analyzed:

1.0

07/07/2009 1334 07/07/2009 1000 Analysis Batch: 600-17415

Prep Batch: 600-17381

Units: ug/L

Instrument ID: Perkin Elmer FIMS-100

Lab File ID:

Final Weight/Volume:

Initial Weight/Volume: 50 mL

50 mL

Analyte

Spike Amount

Result

% Rec.

Limit

Qual

Mercury

3.00

3.01

100

80 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Job Number: 600-12080-1

Client: Noltex LLC

Method Blank - Batch: 600-17173

Method: 7.4.4 Preparation: 7.3.4

Lab Sample ID: **Client Matrix:**

MB 600-17173/1-A

Solid

1.0

Date Analyzed: Date Prepared: 07/02/2009 1230 07/01/2009 1150 Analysis Batch: 600-17273 Prep Batch: 600-17173

Units: mg/Kg

Instrument ID: No Equipment Assigned

Lab File ID:

Initial Weight/Volume: 10 mL

Final Weight/Volume:

250 mL

Analyte

Dilution:

Result

Qual

MDL

RL

Sulfide, Reactive

14

Ü

14

50

Lab Control Sample - Batch: 600-17173

Method: 7.4.4 Preparation: 7.3.4

Lab Sample ID: LCS 600-17173/2-A

Client Matrix: Dilution:

Solid 1.0

Date Analyzed:

Date Prepared:

07/02/2009 1230

07/01/2009 1150

Analysis Batch: 600-17273 Prep Batch: 600-17173

Units: mg/Kg

Instrument ID: No Equipment Assigned

Lab File ID: N/A

Initial Weight/Volume: 10 mL

Final Weight/Volume:

250 mL

Analyte

Spike Amount

Result

% Rec.

Limit

Qual

Sulfide, Reactive

1760

1090

0 - 100

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica Houston

Page 20 of 28

07/10/2009

Control Results

ımber: 600-12080-1

ipment Assigned

10 mL 250 mL

RL

250

ipment Assigned

10 mL 250 mL

Qual

Client: Noltex LLC

Job Number: 600-12080-1

Lab Control Sample - Batch: 600-17024

Method: 9045C Preparation: N/A

Client Matrix:

Lab Sample ID: LCS 600-17024/1

Solid 1.0

Dilution: Date Analyzed:

06/29/2009 0830

Date Prepared: N/A Analysis Batch: 600-17024

Prep Batch: N/A

Units: SU

Lab File ID:

Instrument ID: No Equipment Assigned

N/A

Initial Weight/Volume: 50 mL

Final Weight/Volume:

50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Ouel
рН	7,00	7.010	100	99 – 101	Qual

Client: Noitex LLC

Job Number: 600-12080-1

Method Blank - Batch: 600-17482

Method: D240-87 Preparation: N/A

Lab Sample ID: Client Matrix: MB 600-17482/10

Solid

Solic 1.0

Date Analyzed:

Dilution:

lyzed: 07/07/2009 1645

Date Prepared: N/A

Analysis Batch: 600-17482

Prep Batch: N/A

Units: BTU/lb

Instrument ID: No Equipment Assigned

Lab File ID: N/A

N/A

Initial Weight/Volume:

1.0263 g 1.0 mL

Final Weight/Volume:

Analyte

Result

Qual

RL

RL.

BTU

500

U

500

500

Lab Control Sample - Batch: 600-17482

Method: D240-87 Preparation: N/A

Lab Sample ID:

LCS 600-17482/1

Client Matrix:

Solid

Dilution: Date Analyzed:

07/07/2009 1645

Date Prepared: N/A

Analysis Batch: 600-17482

Prep Batch: N/A

Units: BTU/lb

Instrument ID:

: No Equipment Assigned

Lab File ID: N/A

Initial Weight/Volume: 0.9875 g

Final Weight/Volume: 1.0 mL

 Analyte
 Spike Amount
 Result
 % Rec.
 Limit
 Qual

 BTU
 11400
 11200
 98
 90 - 110

Client: Noltex LLC

Job Number: 600-12080-1

Method Blank - Batch: 600-17227

Method: D92 Preparation: N/A

Lab Sample ID: Client Matrix:

MB 600-17227/1

Solid

1.0

N/A

Dilution:

07/01/2009 1300 Date Analyzed:

Date Prepared:

Analysis Batch: 600-17227

Prep Batch: N/A

Units: Degrees F

Instrument ID: No Equipment Assigned

Lab File ID:

N/A

Initial Weight/Volume:

Final Weight/Volume:

1.0 mL

Analyte

Result

Qual

RL

RL

Flashpoint

1.0

1.0

>186

Lab Control Sample - Batch: 600-17227

Method: D92 Preparation: N/A

Lab Sample ID:

LCS 600-17227/2

Client Matrix: Dilution:

Solid

1.0

07/01/2009 1300 Date Analyzed: N/A

Date Prepared:

Analysis Batch: 600-17227

Prep Batch: N/A

Units: Degrees F

Instrument ID: No Equipment Assigned

Lab File ID:

Initial Weight/Volume:

Final Weight/Volume:

60 mL

Analyte Spike Amount % Rec. Limit Result Qual Flashpoint 81.0 82.0 101 96.91 - 103.09

Calculations are performed before rounding to avoid round-off errors in calculated results.

DATA REPORTING QUALIFIERS

Client: Noltex LLC

Job Number: 600-12080-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
GC/MS Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	. J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	* .	RPD of the LCS and LCSD exceeds the control limits
Metals		
	В	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
General Chemistry		
	HF	Field parameter with a holding time of 15 minutes
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Job Narrative 600-J12080-1

GC/MS Semi VOA

Method 8270C: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 17412 exceeded control limits for the following analytes: Pyridine.

No other analytical or quality issues were noted.

EPAHO082002049

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY RECORD

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12080				•
#1				
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TestAmerica Laboratories, Inc.

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	Noltex, LLC			Bill To:		Noitex, LLC		C	TLC	P-M	etais	(60	10/7	470)		N	1							
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PestAmerica NAL Project	Laboratories Manager:	6310 Rothway Driv Neil Rodrigue	ve, Suite 130 713-358-2006	•	Houston,	TX 77040			Pho	one:	713.	69V.	9444	ŀ						ra	x: 7°	13.69	90.564	Ю

Login Sample Receipt Check List

Client: Noltex LLC

Job Number: 600-12080-1

Login Number: 12080 Creator: Trenery, Michael J

List Source: TestAmerica Houston

List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.4
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	



ANALYTICAL REPORT

Job Number: 600-11197-1

Job Description: MeOH Feed Filter 6/1/09

For:
Noltex LLC
12220 Strang Road
La Porte, TX 77571-9740

Attention: Ms. Joy Snodgrass

Neil a. Robigue

Approvad for release Nell A Rodrigue Project Manager II 6/11/2009 3:55 PM

Neil A Rodrigue
Project Manager II
neil.rodrigue@testamericainc.com
06/11/2009

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Houston Certifications and Approvals: TX NELAP T104704223-06-TX, ARDEQ 88-0759, LADEQ 01967, OKDEQ 9503, UT DOH GULF

TestAmerica Laboratories, Inc.

TestAmerica Houston 6310 Rothway Street, Houston, TX 77040 Tel (713) 690-4444 Fax (713) 690-5646 www.testamericainc.com



06/11/2009

Client: Noltex LLC

Job Number: 600-11197-1

Client Sample ID:

MeOH Feed Filter COMPOSITE

Lab Sample ID:

600-11197-4

Client Matrix:

Solid

06/01/2009 0240

Date Sampled: Date Received:

06/02/2009 1300

8260B Volatile	Organic	Compounds	(GC/MS)-TCLP
----------------	---------	-----------	--------------

Method:

8260B

Analysis Batch: 600-16207

Instrument ID:

VOA-V

70 - 130

70 - 130

70 - 130

70 - 130

Preparation:

5030B

Lab File ID:

H16019.D

Dilution:

20

Leachate Batch: 600-16132

Initial Weight/Volume:

5 mL

Date Analyzed:

06/09/2009 1938 06/09/2009 1938 Final Weight/Volume:

5 mL

Date Prepared: Date Leached:

4-Bromofluorobenzene

Dibromofluoromethane

1,2-Dichloroethane-d4 (Surr)

Toluene-d8 (Surr)

06/08/2009 1630

Analyte	DryWt Corrected: N Result (ug/L)	Qualifier	MDL	RL
Benzene	от поменто не из него него менето и поменции полно поменето не поменето поменето поменето поменето поменето пом 22		22	100
Carbon tetrachloride	22	U	22	100
Chlorobenzene	18	บ	18	100
Chloroform	18	U	18	100
1,2-Dichloroethane	22	U	22	100
1,1-Dichloroethene	23	U	23	100
2-Butanone (MEK)	32	υ	32	200
Tetrachloroethene	46	U	46	100
Trichloroethene	26	U	26	100
Vinyl chloride	32	U	32	100
1,4-Dichlorobenzene	22	U	22	100
Surrogate	%Rec		Accept	tance Limits

112

116

124

95

Client: Noltex LLC

Job Number: 600-11197-1

Client Sample ID:

MeOH Feed Filter COMPOSITE

Lab Sample ID:

600-11197-4

Client Matrix:

Date Sampled:

06/01/2009 0240

Solid

Date Received:

06/02/2009 1300

8270C Semivolatile	Compounds by	Gas	Chromatography/Mass	Spectrometr	/ (GC/MS)-TCLP
GE: AA OOIIIIA OIGING	Opinipounda pi		OIII OIIIBIOGI ADII Y Mass	Chacadillen	A I CONSISSOL - I OPI

Method:

8270C

Analysis Batch: 600-16299

Instrument ID:

MSD2348

Preparation:

3510C

Prep Batch: 600-16169

Lab File ID:

Z0610913.D

Dilution:

1.0

Leachate Batch: 600-16122

Initial Weight/Volume:

1000 mL

Date Analyzed:

06/10/2009 1915

Final Weight/Volume:

1.00 mL

Date Prepared: Date Leached:

06/09/2009 1512 06/08/2009 1630

Injection Volume:

1.0 uL

Analyte	DryWt Corrected: N Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	шенком, оченира суденно карууу строси биште 140.0 сей аштимен на макеник аштары ташарына атары аштары калары 1.3	C CONTRACTOR OF THE CONTRACT O	1.3	10
2,4-Dinitrotoluene	0.95	υ	0.95	10
2,4,5-Trichlorophenol	1.3	U	1.3	10
2,4,6-Trichlorophenol	0.92	U	0.92	10
2-Methylphenol	1.0	U	1.0	10
3 & 4 Methylphenol	1.9	U	1.9	20
Hexachlorobenzene	0.90	U	0.90	10
Hexachlorobutadiene	1.1	U	1.1	10
Hexachloroethane	1.2	U	1.2	10
Nitrobenzene	1.2	U	1.2	10
Pentachlorophenol	0.89	U	0.89	50
Pyridine	1.0	U	1.0	10

Surrogate	%Rec	Acceptance Limits
Phenol-d6	омення в веньше за этопошью почно и на пробега заправивающего так в монителения меня и вень и вень и институт 31	10 - 94
Nitrobenzene-d5	87	35 - 114
2-Fluorophenol	47	21 - 100
2-Fluorobiphenyl	91	43 - 116
2,4,6-Tribromophenol	97	10 - 123
Terphenyl-d14	73	33 - 141

Client: Noltex LLC

Job Number: 600-11197-1

Client Sample ID:

MeOH Feed Filter COMPOSITE

Lab Sample ID:

600-11197-4

Client Matrix:

Solid

Date Sampled:

06/01/2009 0240

Date Received:

06/02/2009 1300

6010B Metals (ICP)-TCLP

Method: Preparation: 6010B 3010A Analysis Batch: 600-16296

Instrument ID: Lab File ID:

TJA ICP 61E

Dilution:

1.0

Prep Batch: 600-16250 Leachate Batch: 600-16122

Initial Weight/Volume:

J061109 50 mL

Date Analyzed:

06/11/2009 1101 06/10/2009 1555 Final Weight/Volume:

50 mL

Date Prepared: Date Leached:

06/08/2009 1630

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Pb	«Лати помырай», «Аврасціят» (этрихорния ферреция Авранія ванатерия витерам, так від стите пусица).	0.0029	U	0.0029	0.010
Cr		0.0016	U	0.0016	0.010
Cd		0.00073	U	0.00073	0.0050
Ва		0.016	JB	0.0016	0.020
As		0.0099	JB	0.0033	0.010
Ag		0.0012	U	0.0012	0.010
Se		0.0042	U	0.0042	0.040

Analysis Batch: 600-16247

Leachate Batch: 600-16122

Prep Batch: 600-16195

7470A Mercury (CVAA)-TCLP

Method: Preparation:

Dilution:

7470A

7470A

1.0

06/10/2009 1506

Date Analyzed: Date Prepared:

06/10/2009 0900 06/08/2009 1630

Instrument ID: Lab File ID:

Perkin Elmer N/A

Initial Weight/Volume: Final Weight/Volume:

40 mL 40 mL

Date Leached:

Analyte Mercury DryWt Corrected: N

Result (ug/L) 0.021

Qualifier U

MDL 0.021

RL

0.20

Client: Noltex LLC

Job Number: 600-11197-1

		General Cher	mistry		
Client Sample ID:	MeOH Feed Filter COMPOS	SITE			
Lab Sample ID: Client Matrix:	600-11197-4 Solid			Date Sampled: Date Received:	06/01/2009 0240 06/02/2009 1300
Analyte	Result	Qual Units	MDL	RL	Dil Method
Cyanide, Reactive	18	U ug/Kg	18	250	1.0 9012
	Anly Batch: 600-16157	Date Analyzed	06/09/2009 1301		DryWt Corrected: N
	Prep Batch: 600-16066	Date Prepared:	06/08/2009 1220		
Sulfide, Reactive	40	J mg/Kg	. 14	50	1.0 7.4.4
	Anly Batch: 600-16165	Date Analyzed	06/09/2009 1223		DryWt Corrected: N
	Prep Batch: 600-16066	Date Prepared:	06/08/2009 1220		
Analyte	Result	Qual Units	RL	RL	Dil Method
pН	7.39	HF SU	0.0100	0.0100	1.0 9045C
	Anly Batch: 600-16015	Date Analyzed	06/05/2009 1020		DryWt Corrected: N
вти	2100	BTU/lb	500	500	1.0 D240-87
	Anly Batch: 600-16133	Date Analyzed	06/08/2009 1630		DryWt Corrected: N
Flashpoint	>212	Degree	es F 1.0	1.0	1.0 D92
	Anly Batch: 600-16176	Date Analyzed	06/09/2009 1530		DryWt Corrected: N

METHOD SUMMARY

Client: Noltex LLC

Job Number: 600-11197-1

Lab Location	Method	Preparation Method
TAL HOU	SW846 8260B	
TAL HOU		SW846 1311
TAL HOU		SW846 5030B
TAL HOU	SW846 8270C	
TAL HOU		SW846 1311
TAL HOU		SW846 3510C
TAL HOU	SW846 6010B	
TAL HOU		SW846 1311
TAL HOU		SW846 3010A
TAL HOU	SW846 7470A	
TAL HOU		SW846 1311
TAL HOU		SW846 7470A
TAL HOU	EPA 7.4.4	
TAL HOU		SW846 7.3.4
TAL HOU	SW846 9012	
TAL HOU		SW846 7.3.3
TAL HOU	SW846 9045C	
TAL HOU	ASTM D240-87	
TAL HOU	ASTM D92	
	TAL HOU TAL HOU	TAL HOU SW846 8260B TAL HOU TAL HOU TAL HOU SW846 8270C TAL HOU SW846 8270C TAL HOU SW846 6010B TAL HOU SW846 6010B TAL HOU SW846 7470A TAL HOU SW846 7470A TAL HOU EPA 7.4.4 TAL HOU SW846 9012 TAL HOU SW846 9045C TAL HOU ASTM D240-87

Lab References:

TAL HOU = TestAmerica Houston

Method References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD/ANALYST SUMMARY

Client: Noltex LLC

Job Number: 600-11197-1

Method Analyst		Analyst ID
SW846 8260B	Vela, Kenneth L	KLV
SW846 8270C	Dang, Tram T	TTD
SW846 6010B	Patel, Silen R	SRP
SW846 7470A	Lige, Derrick C	DCL
EPA 7.4.4	Walker, Gerald (Gerry) C	GCW
SW846 9012	Walker, Gerald (Gerry) C	GCW
SW846 9045C	Gregory, Sharita N	SNG
ASTM D240-87	Puranik, Surendra U	SUP
ASTM D92	Puranik, Surendra U	SUP

QUALITY CONTROL RESULTS

Client: Noltex LLC

Job Number: 600-11197-1

TCLP SPLPE Leachate Blank - Batch: 600-16207

Method: 8260B Preparation: 5030B

TCLP

Lab Sample ID: LB 600-16132/1-A

Analysis Batch: 600-16207

Instrument ID: VOA-V

Client Matrix:

Solid

Prep Batch: N/A

Lab File ID:

H16005.D

Dilution:

20

Units: ug/L

Initial Weight/Volume: 5 mL

Date Prepared: 06/09/2009 1343

Date Analyzed: 06/09/2009 1343

Final Weight/Volume: 5 mL

Date Leached:

06/08/2009 1630

Leachate Batch: 600-16132

Analyte	Result	Qual	MDL	RL
cells removerable on separation actions on PT of a substitute for the last of	гата казақ остояны осынденден және семен коминентей Админентей обосына былы байында басына семен ком 22	одилистический положений положений положений положений положений положений положений положений положений положе Положений положений 2	100	
Carbon tetrachloride	22	U	22	100
Chlorobenzene	18	U	18	100
Chloroform	18	U	18	100
1,2-Dichloroethane	22	U	22	100
1,1-Dichloroethene	23	U	23	100
2-Butanone (MEK)	32	U	32	200
Tetrachloroethene	46	Ū	46	100
Trichloroethene	26	U	26	100
Vinyl chloride	32	U	32	100
1.4-Dichlorobenzene	22	U	22	100

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	116	70 - 130
Dibromofluoromethane	112	70 - 130
Toluene-d8 (Surr)	129	70 - 130
1,2-Dichloroethane-d4 (Surr)	93	70 - 130

Client: Noltex LLC

Job Number: 600-11197-1

Method Blank - Batch: 600-16207

Method: 8260B Preparation: 5030B

Lab Sample ID: MB 600-16207/3

Water

Analysis Batch: 600-16207 Prep Batch: N/A

Instrument ID: VOA-V

H16007.D

Client Matrix:

Lab File ID: Initial Weight/Volume: 5 mL

Dilution:

1.0

Units: ug/L

Date Analyzed: Date Prepared:

06/09/2009 1434 06/09/2009 1434

Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL	
Source and transcription protected from the design of the design of the design and the design an	н как жана и при при при при при при при при при п	U uniter all selection de de la la la la la la la la la la la la la	1.1	5.0	
Carbon tetrachloride	1.1	U	1.1	5.0	
Chlorobenzene	0.92	U	0.92	5.0	
Chloroform	0.92	U	0.92	5.0	
1,2-Dichloroethane	1.1	U	1.1	5.0	
1,1-Dichloroethene	1.2	U	1.2	5.0	
2-Butanone (MEK)	1.6	U	1.6	10	
Tetrachloroethene	2.3	U	2.3	5.0	
Trichloroethene	1.3	U	1.3	5.0	
Vinyl chloride	1.6	U	1.6	5.0	
1,4-Dichlorobenzene	1.1	U	1.1	5.0	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	118	70 - 130
Dibromofluoromethane	108	70 - 130
Toluene-d8 (Surr)	126	70 - 130
1,2-Dichloroethane-d4 (Surr)	92	70 - 130

Client: Noltex LLC

Job Number: 600-11197-1

Lab Control Sample - Batch: 600-16207

Method: 8260B Preparation: 5030B

Lab Sample ID: LCS 600-16207/1

Analysis Batch: 600-16207

Water

Instrument ID: VOA-V H16002.D

Client Matrix: Dilution:

1.0

Prep Batch: N/A Units: ug/L

Lab File ID: Initial Weight/Volume: 5 mL

Date Analyzed:

06/09/2009 1227

Final Weight/Volume: 5 mL

06/09/2009 1227 Date Prepared:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	ласинетичник по население объемнения от напосное на бите объемнения от коми 50.0	51.7	103	69 - 124	erikanya di mendengan kang panen
Carbon tetrachloride	50.0	45.1	90	57 - 134	
Chlorobenzene	50.0	56.4	113	70 - 129	
Chloroform	50.0	49.8	100	69 - 128	
1,2-Dichloroethane	50.0	43.7	87	65 - 134	
1,1-Dichloroethene	50.0	49.0	98	4 5 - 136	
2-Butanone (MEK)	100	117	117	53 - 140	
Tetrachloroethene	50.0	52.9	106	59 - 134	
Trichloroethene	50.0	48.0	96	68 - 130	
Vinyl chloride	50.0	46.5	93	38 - 153	
1,4-Dichlorobenzene	50.0	53.7	107	72 - 131	
Surrogate	% R	ec	Ac	ceptance Limits	
4-Bromofluorobenzene	11	1	70 - 130		Specific region as a fig. 100 pt many agrands as a
Dibromofluoromethane	10	6	70 - 130		
Toluene-d8 (Surr)	10	9		70 - 130	
1,2-Dichloroethane-d4 (Surr)	91			70 - 130	

Client: Noltex LLC

Job Number: 600-11197-1

Method Blank - Batch: 600-16169

Method: 8270C Preparation: 3510C

Lab Sample ID: MB 600-16169/1-A Client Matrix:

Water

Dilution: Date Analyzed: Date Prepared:

06/10/2009 1431 06/09/2009 1512 Analysis Batch: 600-16299

Prep Batch: 600-16169

Units: ug/L

Instrument ID: MSD2348 Lab File ID:

Initial Weight/Volume: 1000 mL

Z0610904.D

Final Weight/Volume: 1.00 mL Injection Volume:

1.0 uL

Analyte	Result	Qual	MDL	RL
1,4-Dichlorobenzene	и до при под при при при при под под при при при при при при при при при при		Higher transportation of the property of the contract of the c	10
2,4-Dinitrotoluene	0.95	U	0.95	10
2,4,5-Trichlorophenol	1.3	U	1.3	10
2,4,6-Trichlorophenol	0.92	U	0.92	10
2-Methylphenol	1.0	ប	1.0	10
3 & 4 Methylphenol	1.9	U	1.9	20
Hexachlorobenzene	0.90	U	0.90	10
Hexachlorobutadiene	1.1	U	1.1	10
Hexachloroethane	1.2	U	1.2	10
Nitrobenzene	1.2	U	1.2	10
Pentachlorophenol	0.89	Ū	0.89	50
Pyridine	1.0	U	1.0	10
Surrogate	% Rec		Acceptance Limits	torconnect to the or
Phenol-d6	31		10 - 94	14-00-01-00 mg (4-00-01
Nitrobenzene-d5	78		35 - 114	
2-Fluorophenol	47		21 - 100	
2-Fluorobiphenyl	76		43 - 116	
2,4,6-Tribromophenol	74		10 - 123	
Terphenyl-d14	· 71		33 - 141	

Client: Noltex LLC

Job Number: 600-11197-1

TCLP SPLPE Leachate Blank - Batch: 600-16169

Method: 8270C Preparation: 3510C

TCLP

Client Matrix:

Lab Sample ID: LB 600-16122/1-E

Analysis Batch: 600-16299

Lab File ID:

Instrument ID: MSD2348 Z0610908.D

Dilution:

Solid

Prep Batch: 600-16169

Initial Weight/Volume: 1000 mL

1.0

Units: ug/L

Date Analyzed: 06/10/2009 1645

Final Weight/Volume: Injection Volume:

1.00 mL

Date Prepared: 06/09/2009 1512 Date Leached:

06/08/2009 1630

Leachate Batch: 600-16122

1.0 uL

Analyte	Result	Qual	MDL	RL
1,4-Dichlorobenzene	и под при на при при при при при при при при при при		1.3	10
2,4-Dinitrotoluene	0.95	U	0.95	10
2,4,5-Trichlorophenol	1.3	U	1.3	10
2,4,6-Trichlorophenol	0.92	U	0.92	10
2-Methylphenol	1.0	U	1.0	10
3 & 4 Methylphenol	1.9	U	1.9	20
Hexachlorobenzene	0.90	U	0.90	10
Hexachlorobutadiene	1.1	U	1.1	10
Hexachloroethane	1.2	U	1.2	10
Nitrobenzene	1.2	υ	1.2	10
Pentachlorophenol	0.89	U	0.89	50
Pyridine	1.0	U	1.0	10

Surrogate	% Rec	Acceptance Limits
Phenol-d6	36	10 - 94
Nitrobenzene-d5	89	35 - 114
2-Fluorophenol	55	21 - 100
2-Fluorobiphenyl	90	43 - 116
2,4,6-Tribromophenol	96	10 - 123
Terphenyl-d14	93	33 - 141

Client: Noltex LLC

Job Number: 600-11197-1

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 600-16169

Method: 8270C Preparation: 3510C

LCS Lab Sample ID: LCS 600-16169/2-A

Analysis Batch: 600-16299

MSD2348

Client Matrix:

Water

Instrument ID: Lab File ID:

Z0610905.D

Dilution:

1.0

Prep Batch: 600-16169

Initial Weight/Volume:

1000 mL

Date Analyzed:

06/10/2009 1501

Final Weight/Volume:

1.00 mL

Date Prepared:

06/09/2009 1512

Injection Volume:

1.0 uL

LCSD Lab Sample ID: LCSD 600-16169/3-A

Analysis Batch: 600-16299

MSD2348 Instrument ID:

33 - 141

Client Matrix:

Water

Prep Batch: 600-16169

Lab File ID:

Z0610906.D

Dilution:

Units: ug/L

Units: ug/L

Initial Weight/Volume:

1000 mL

Date Analyzed: Date Prepared:

Hexachlorobenzene

Terphenyl-d14

Hexachlorobutadiene

06/10/2009 1532 06/09/2009 1512 Final Weight/Volume: Injection Volume:

20

20

1.00 mL 1.0 uL

		<u>% Rec.</u>					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	68	69	45 - 105	Legisterianistic (eemiset i)	20	ti ve tariti osuvendatariilis tee valtusi ise vastusi	a rimina worker, austria arrest secus estas
2,4-Dinitrotoluene	85	84	61 - 162	1	20		
2,4,5-Trichlorophenol	79	81	59 - 123	3	20		
2,4,6-Trichlorophenol	78	78	30 - 143	1	20		
2-Methylphenol	60	62	34 - 109	4	20		
3 & 4 Methylphenol	64	67	27 - 113	4	20		

85

77

84

76

Hexachloroethane	69	70	42 - 110	1	20			
Nitrobenzene	78	80	55 - 115	3	20			
Pentachiorophenol	70	67	44 - 142	4	20	J	J	
Pyridine	43	38	10 - 109	12	40			
Surrogate	l extreditations for appropriate to conflict on the production of	LCS % Rec	LCSD %	Rec	Ac	ceptance Limi	ts	ther in
Phenol-d6		37	39			10 - 94		
Nitrobenzene-d5		85	85			35 - 114		
2-Fluorophenol		49	52			21 - 100		
2-Fluorobiphenyl		90	87			43 - 116		
2,4,6-Tribromophenol	102		103			10 - 123		

62 - 121 32 - 143

89

Client: Noltex LLC Job Number: 600-11197-1

Method Blank - Batch: 600-16250

Method: 6010B Preparation: 3010A

Lab Sample ID: MB 600-16250/1-A

Analysis Batch: 600-16296

Instrument ID: TJA ICP 61E Lab File ID: J061109

Client Matrix:

Water

Prep Batch: 600-16250 Units: mg/L

Initial Weight/Volume:

50 mL

Dilution: Date Analyzed: Date Prepared:

06/11/2009 1049 06/10/2009 1555

Final Weight/Volume:

50 mL

Analyte	Result	Qual	MDL	RL	
те при при при при при при при при при при	0.0029		0.0029	0.010	19.71
Cr	0.0016	U	0.0016	0.010	
Cd	0.00073	U	0.00073	0.0050	
Ba	0.0016	U	0.0016	0.020	
As	0.0033	U	0.0033	0.010	
Ag	0.0012	U	0.0012	0.010	
Se	0.0042	U	0.0042	0.040	

TCLP SPLPE Leachate Blank - Batch: 600-16250

Method: 6010B Preparation: 3010A

TCLP

Lab Sample ID:

LB 600-16122/1-G

Analysis Batch: 600-16296

Instrument ID: TJA ICP 61E

J061109

Client Matrix:

Solid 1.0

Prep Batch: 600-16250

Lab File ID: Initial Weight/Volume:

Dilution: Date Analyzed:

06/11/2009 1057

Units: mg/L

Final Weight/Volume:

Date Prepared:

06/10/2009 1555

Leachate Batch: 600-16122

50 mL

06/08/2009 1630 Date Leached:

Analyte	Result	Qual	MDL	RL
мень удинальный к надабля рам сторы покол к сустемой блинальскай автома саморова сурменти живай благ Рb	0.0029	U	0.0029	0.010
Cr	0.0016	U	0.0016	0.010
Cd	0.00073	U	0.00073	0.0050
Ва	0.0061	J	0.0016	0.020
As	0.0066	J	0.0033	0.010
Ag	0.0012	U	0.0012	0.010
Se	0.0044	J	0.0042	0.040

Client: Noltex LLC

Job Number: 600-11197-1

Lab Control Sample - Batch: 600-16250

Method: 6010B Preparation: 3010A

Client Matrix:

Lab Sample ID: LCS 600-16250/2-A

Water

1.0

Dilution: Date Analyzed: Date Prepared:

06/11/2009 1053

06/10/2009 1555

Analysis Batch: 600-16296

Prep Batch: 600-16250 Units: mg/L

Instrument ID: TJA ICP 61E

Lab File ID: J061109 Initial Weight/Volume: 50 mL

Final Weight/Volume:

50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
переостания процентивняем с него в 15-им и постоя постанования очения полиции в полиции в полиции в полиции в Рb	1.00	1.00	100	80 - 120	der et alle tree franke, de le litte til ett et et tree tree et eller e
Cr	1.00	0.981	98	80 - 120	
Cd	0.500	0.494	99	80 - 120	
Ва	1.00	1.01	101	80 - 120	
As	1.00	1.01	101	80 - 120	
Ag	0.500	0.490	98	80 - 120	
Se	1.00	1.00	100	80 - 120	

Client: Noltex LLC Job Number: 600-11197-1

Method Blank - Batch: 600-16195 Method: 7470A Preparation: 7470A

Instrument ID: Perkin Elmer FIMS-100 MB 600-16195/7-A Analysis Batch: 600-16247 Lab Sample ID: Client Matrix: Prep Batch: 600-16195 Lab File ID:

Dilution: 1.0 Units: ug/L Initial Weight/Volume: 40 mL 06/10/2009 1431 Date Analyzed: Final Weight/Volume: 40 mL 06/10/2009 0900

MDL RL Analyte Result Qual 0.021 U 0.021 0.20 Mercury

TCLP SPLPE Leachate Blank - Batch: 600-16195 Method: 7470A Preparation: 7470A

TCLP

Date Prepared:

Analysis Batch: 600-16247 Lab Sample ID: LB 600-16122/1-F Instrument ID: Perkin Elmer FIMS-100

Prep Batch: 600-16195 Lab File ID: Client Matrix: Solid N/A 1.0 Units: ug/L Initial Weight/Volume: 40 mL Dilution:

06/10/2009 1501 Date Analyzed: Final Weight/Volume: 40 mL 06/10/2009 0900

Date Prepared: Date Leached: 06/08/2009 1630 Leachate Batch: 600-16122

Result Qual MDL RL Analyte 0.021 U Mercury 0.021 0.20

Lab Control Sample - Batch: 600-16195 Method: 7470A Preparation: 7470A

Lab Sample ID: LCS 600-16195/8-A Analysis Batch: 600-16247 Instrument ID: Perkin Elmer FIMS-100 Client Matrix: Water Prep Batch: 600-16195 Lab File ID:

Dilution: Units: ug/L Initial Weight/Volume: 50 mL Date Analyzed: 06/10/2009 1433 Final Weight/Volume: 50 mL Date Prepared: 06/10/2009 0900

Spike Amount Result % Rec. Limit Analyte Qual 3.00 2.77 92 80 - 120 Mercury

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Noltex LLC

Job Number: 600-11197-1

Method Blank - Batch: 600-16066

Method: 7.4.4 Preparation: 7.3.4

Lab Sample ID: MB 600-16066/1-A

Client Matrix:

Solid

Dilution: Date Analyzed:

Date Prepared:

1.0

06/09/2009 1223 06/08/2009 1220 Analysis Batch: 600-16165

Prep Batch: 600-16066

Units: mg/Kg

Instrument ID: No Equipment Assigned

Lab File ID: N/A

Initial Weight/Volume:

10 mL

Final Weight/Volume:

250 mL

Analyte	Result	Qual	MDL	RL
Sulfide, Reactive	. « метентення описнявания пом простивности в простивности в пристивности тивности в пристивности в пристивности в пристивности в пристивности в пристивности в пристивности в пристивности в пристивности в пристивности в присти в пристивности в пристивности в п	eggorban profession todope presidente and and a real president	14	50

Lab Control Sample - Batch: 600-16066

Method: 7.4.4 Preparation: 7.3.4

Lab Sample ID:

LCS 600-16066/2-A

Client Matrix:

Dilution:

Solid

Date Analyzed: Date Prepared: 06/09/2009 1223 06/08/2009 1220

1.0

Analysis Batch: 600-16165

Prep Batch: 600-16066

Units: mg/Kg

Instrument ID: No Equipment Assigned Lab File ID: N/A

Initial Weight/Volume:

10 mL

Final Weight/Volume: 250 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sulfide, Reactive	1780	1140	64	0 - 100	is a section of the

Client: Noltex LLC

Job Number: 600-11197-1

Method Blank - Batch: 600-16066

Method: 9012 Preparation: 7.3.3

Lab Sample ID:

MB 600-16066/1-A

Client Matrix:

1.0 Dilution:

Date Analyzed:

Date Prepared:

06/09/2009 1301 06/08/2009 1220 Analysis Batch: 600-16157 Prep Batch: 600-16066

Units: ug/Kg

Instrument ID: WC05 Lachat-1

N/A

Lab File ID: Initial Weight/Volume:

10 mL

Final Weight/Volume:

250 mL

Analyte

Result

Qual

MDL

RL

Cyanide, Reactive

U

18

250

18

Lab Control Sample - Batch: 600-16066

Method: 9012 Preparation: 7.3.3

Lab Sample ID:

LCS 600-16066/2-A

06/09/2009 1301

Client Matrix:

Solid 20

Dilution: Date Analyzed:

Date Prepared:

06/08/2009 1220

Analysis Batch: 600-16157

Prep Batch: 600-16066

Units: ug/Kg

Instrument ID: WC05 Lachat-1

Lab File ID: N/A

10 mL

Initial Weight/Volume: Final Weight/Volume:

250 mL

Spike Amount Analyte Result % Rec. Limit Qual Cyanide, Reactive 1000000 57400 0 - 100

Client: Noltex LLC

Job Number: 600-11197-1

Method Blank - Batch: 600-16133

Method: D240-87 Preparation: N/A

Lab Sample ID: **Client Matrix:**

MB 600-16133/1

Solid

Dilution: Date Analyzed: 1.0 06/08/2009 1630

Date Prepared: N/A Analysis Batch: 600-16133

Prep Batch: N/A

Units: BTU/lb

Instrument ID: No Equipment Assigned

Lab File ID: N/A

Initial Weight/Volume:

1.0090 g

Final Weight/Volume:

1.0 mL

Analyte	Result	Qual	RL	RL
намен и принципалний от так и менят и принципалний	500	C STANDS TO THE PERSON OF THE STANDS OF THE	500	500 mg - 190

Lab Control Sample - Batch: 600-16133

Method: D240-87 Preparation: N/A

Lab Sample ID:

LCS 600-16133/2

Client Matrix:

Solid 1.0

Date Analyzed:

Dilution:

06/08/2009 1630

Date Prepared: N/A Analysis Batch: 600-16133

Prep Batch: N/A

Units: BTU/lb

Instrument ID: No Equipment Assigned

Lab File ID: N/A

Initial Weight/Volume:

1.0026 g

Final Weight/Volume:

1.0 mL

Spike Amount Result % Rec. Limit Analyte Qual BTU 11400 11000 90 - 110

Login Sample Receipt Check List

Client: Noltex LLC

Job Number: 600-11197-1

Login Number: 11197 Creator: Claunch, Todd F

List Source: TestAmerica Houston

List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	2.3
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	